

# **EXHIBIT 9-A**

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(document contained herein)

CENTRAL BUSINESS DISTRICT (CBD) TOLLING PROGRAM

# Appendix 17, Environmental Justice



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## 17A, Methodology

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## Acronyms

ACS.....	American Community Survey
CBD.....	Central Business District
CEQ.....	Council on Environmental Quality
CP-29 .....	Commissioner Policy 29
CTPP.....	Census Transportation Planning Package
EA.....	Environmental Assessment
EJ.....	Environmental Justice
FHWA.....	Federal Highway Administration
HHS.....	U.S. Department of Health and Human Services
NJDEP .....	New Jersey Department of Environmental Protection
NYSDEC.....	New York State Department of Environmental Conservation
NEPA.....	National Environmental Policy Act
SNAP .....	Supplemental Nutrition Assistance Program
USDOT .....	U.S. Department of Transportation
USEPA.....	U.S. Environmental Protection Agency

## 17A.1 INTRODUCTION

Appendix 17 to the Environmental Assessment (EA) for the Central Business District (CBD) Tolling Program (the Project) presents supplemental information related to the environmental justice analysis conducted for the Project and summarized in **Chapter 17, “Environmental Justice,”** of the EA. Specifically, **Appendix 17A** provides more detailed information on the methodology used for the analysis. **Appendix 17B** provides detailed maps illustrating the locations of minority and low-income populations in the study areas and **Appendix 17C** includes tables with related census information for all census tracts in the study area.

This part of Appendix 17 (Appendix 17A) provides an overview of the methodology used for the environmental justice analysis and the data sources used (**Sections 17A.2 and 17A.3**), followed by information on the methodology for identifying study areas for the analysis (**Section 17A.4**), the methodology for identifying minority populations (**Section 17A.5**), and the methodology for identifying low-income populations (**Section 17A.6**).

## 17A.2 OVERVIEW OF METHODOLOGY

The environmental justice analysis evaluates the potential for disproportionately high and adverse effects to environmental justice populations, consistent with FHWA’s 2011 *Guidance on Environmental Justice and the National Environmental Policy Act (NEPA)*, U.S. Department of Transportation (USDOT) Order 5610.2C, and FHWA Order 6640.23A. The following Federal regulatory and guidance documents were used for the environmental justice analysis:

- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (February 1994)<sup>1</sup>
- USDOT Order 5610.2C, Department of Transportation Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (May 2021)<sup>2</sup>
- USDOT, Environmental Justice Strategy (November 2016)<sup>3</sup>
- FHWA Order 6640.23A, FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (June 2012)<sup>4</sup>
- FHWA, Guidance on Environmental Justice and NEPA (December 2011)<sup>5</sup>
- FHWA, Environmental Justice Reference Guide (April 2015)<sup>6</sup>

<sup>1</sup> <https://www.archives.gov/files/federal-register/executive-orders/pdf/12898.pdf>.

<sup>2</sup> <https://www.transportation.gov/sites/dot.gov/files/Final-for-OST-C-210312-003-signed.pdf>.

<sup>3</sup> <https://www.transportation.gov/transportation-policy/environmental-justice/environmental-justice-strategy>.

<sup>4</sup> <https://www.fhwa.dot.gov/legisregs/directives/orders/664023a.cfm>.

<sup>5</sup> [https://www.environment.fhwa.dot.gov/env\\_topics/ej/guidance\\_ejustice-nepa.aspx](https://www.environment.fhwa.dot.gov/env_topics/ej/guidance_ejustice-nepa.aspx).

<sup>6</sup> [https://www.fhwa.dot.gov/environment/environmental\\_justice/publications/reference\\_guide\\_2015/index.cfm](https://www.fhwa.dot.gov/environment/environmental_justice/publications/reference_guide_2015/index.cfm).

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- Federal Interagency Working Group on Environmental Justice & NEPA Committee, Promising Practices for Environmental Justice Methodologies in NEPA Reviews (March 2016)<sup>7</sup>

The following methodology was used to conduct the environmental justice analysis:

1. Review Project effects to identify appropriate study areas for analysis of environmental justice.
2. Identify existing minority and low-income (environmental justice) populations in the study areas.
3. Determine whether the Project would result in beneficial and/or adverse effects on the identified environmental justice populations. This includes consideration of measures to avoid, minimize, and/or mitigate any adverse effects of the Project as well as potential offsetting benefits to the affected environmental justice populations. Input from environmental justice populations regarding potential issues of concern and mitigation measures is an important part of this step.
4. If adverse effects would remain after implementation of measures to avoid, minimize, or otherwise mitigate adverse effects, and taking into account offsetting benefits, identify whether those effects would be predominately borne by environmental justice populations or are appreciably more severe or greater in magnitude on environmental justice populations than the adverse effect suffered by the non-minority or non-low-income population (these are considered disproportionately high and adverse effects).
5. If no disproportionately high and adverse effects are identified, the environmental justice evaluation is complete. If disproportionately high and adverse effects on environmental justice populations are anticipated, evaluate whether there is a further practicable mitigation measure or practicable alternative that would avoid or reduce the disproportionately high and adverse effects. As noted in FHWA's 2011 guidance, if there is a disproportionately high and adverse effect on an environmental justice population after taking benefits and mitigation into account, "FHWA will approve the proposed action only if it determines that no such practicable measures exist." In addition, FHWA will not approve the proposed action unless it determines "that there is a substantial need for a project, based on the overall public interest; and alternatives that would have less adverse effects on protected populations have either (a) adverse social, economic, environmental, or human health impacts that are more severe; or (b) would involve increased costs of an extraordinary magnitude."
6. In addition to assessing the potential for disproportionately high and adverse effects on environmental justice populations, the Project Sponsors must provide meaningful opportunities for environmental justice populations to provide input on the Project.

### 17A.3 DATA SOURCES

The environmental justice analysis is based on the conclusions of the other chapters of this EA, in combination with supplemental data on environmental conditions and information from the U.S. Census

<sup>7</sup> The Project Sponsors reviewed this document in developing the analysis but used the guidance set forth in FHWA's 2011 Environmental Justice and NEPA. [https://www.epa.gov/sites/production/files/2016-08/documents/nepa\\_promising\\_practices\\_document\\_2016.pdf](https://www.epa.gov/sites/production/files/2016-08/documents/nepa_promising_practices_document_2016.pdf).

Bureau. These conclusions were informed, in part, by concerns raised by the public during early public outreach for the Project in fall 2021.

Areas where residents are minority and/or low-income were identified using data from the U.S. Census Bureau 2015-2019 American Community Survey (ACS) 5-Year Estimates to identify census tracts that are low-income and/or minority. The 2015–2019 ACS 5-Year Estimates are the most current full set of demographic information, including racial and ethnic characteristics and household income and poverty status, available from the U.S. Census Bureau at the census tract level. The 2020 Census information now available does not include a full set of information.

Socioeconomic characteristics of the traveling public, including minority and low-income populations, were based on data from the U.S. Census Bureau's Census Transportation Planning Package (CTPP). The analysis of travel patterns in the regional study area focuses on low-income and minority people who travel to and from the Manhattan CBD to evaluate the effects of changing travel patterns on those people. The CTPP provides special tabulations, based on the U.S. Census Bureau ACS 5-Year Estimates, that are useful for transportation planning, including commuter flow data at varying geographic scales by mode of commute and household income. The CTPP data include information on commuter patterns for a range of income levels. The most recent CTPP is based on the 2012-2016 ACS 5-Year Estimates and has not been updated to reflect more recent ACS data.

Conclusions about the effects of the CBD Tolling Alternative on low-income and/or minority populations and potential measures to avoid, minimize, or mitigate those effects were informed by the early environmental justice public outreach for the Project in fall 2021. That outreach included public webinars to engage with environmental justice populations throughout the 28-county region, coordination with an Environmental Justice Technical Advisory Group, and meetings with an Environmental Justice Stakeholder Working Group.

## 17A.4 METHODOLOGY FOR IDENTIFYING STUDY AREAS

### 17A.4.1 Types of Study Areas

The environmental justice analysis evaluates two types of potential effects of the CBD Tolling Program, neighborhood effects and regional effects:

- **Local (Neighborhood) Effects:** These are effects on local communities. The potential neighborhood effects would be primarily related to diverted trips and changes in traffic patterns, and the potential resulting effects in terms of traffic congestion, air emissions, and noise.
- **Regional Effects:** These are effects on regional mobility. The analysis considers how implementation of the CBD Tolling Alternative would affect the regional population in terms of increased costs (tolls), changes in trip time, and changes in transit conditions.



To evaluate both types of effects of the CBD Tolling Program on environmental justice populations, two different study areas were used:

- **Local (Neighborhood) Study Area:** Based on a review of Project effects identified in other portions of the EA, this study area encompasses locations where localized effects (such as changes in traffic volumes, air emissions, or noise) would occur with the Project.
- **Regional Study Area:** The regional study area encompasses the 28-county study area that is the main catchment area for trips to and from the Manhattan CBD and the area where changes in travel patterns and mobility would occur.

#### 17A.4.2 Review of Effects of CBD Tolling Alternative to Identify Environmental Justice Study Areas

Chapter 16, “Summary of Effects,” of the EA provides a summary of the CBD Tolling Alternative’s effects both locally and regionally. FHWA and the Project Sponsors reviewed those conclusions as well as concerns raised during public outreach for the Project to adjust the environmental analyses conducted for this EA and determine what Project effects have the potential to affect environmental justice populations. This informed selection of study areas for the environmental justice analysis and the topics to be considered in the analysis.

The information presented in **Chapters 4 through 15** of this EA describe the effects of implementation of the CBD Tolling Alternative on the general population and identify potential adverse effects and measures to avoid, minimize, or mitigate those effects.

In addition, during environmental justice public outreach conducted for the Project in fall 2021, members of the public raised a number of concerns related to the Project’s potential for effects on environmental justice populations, and FHWA and the Project Sponsors reviewed those concerns and included them in the analysis of environmental justice. **Table 16-1 in Chapter 16, “Summary of Effects,”** of the EA identifies the overall effects of the Project, compares the effects of the range of tolling scenarios analyzed in the EA, and identifies the potential for adverse effects on the overall population. FHWA and the Project Sponsors reviewed those conclusions as well as concerns raised during public outreach for the Project to determine what Project effects have the potential to affect environmental justice populations. This informed selection of study areas for the environmental justice analysis and the topics to be considered in the analysis.

### 17A.5 METHODOLOGY FOR IDENTIFYING MINORITY POPULATIONS

#### 17A.5.1 Definitions

USDOT Order 5610.2C and FHWA Order 6640.23A include the following definitions related to minority populations:

- **Minority:** a person who is Black or African American (not Hispanic), American Indian and Alaskan Native, Asian American, Native Hawaiian or other Pacific Islander, and Hispanic or Latino.
- **Minority population:** Any readily identifiable groups of minority persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons, who will be similarly affected by a proposed FHWA program, policy, or activity.

This analysis also includes people who identified themselves as “some other race” or “two or more races” in the U.S. Census Bureau 2015–2019 ACS 5-Year Estimates.

### 17A.5.2 Minority Populations in Local (Neighborhood) Study Area

Census tracts were considered to be minority if either: (1) at least 50 percent of the census tract’s population identifies as minority; or (2) the percentage of population identifying as minority in the census block group exceeds the share of minority population in the county where that census tract is located.

### 17A.5.3 Minority Populations in Regional Study Area

The environmental justice analysis considers the Project’s potential for effects on minority-population commuters, travelers, or individuals in specific industries, businesses, or other groups that could be affected by increased cost associated with accessing the Manhattan CBD. To identify minority populations among these groups, the Project Sponsors used worker flow information from the CTPP.

Data is available in the CTPP regarding mode of travel by racial/ethnic group, and this data was used to identify overall travel patterns for minority people who work in the Manhattan CBD. However, the CTPP does not have data on minority commuters’ travel modes that also identifies the locations from which they travel. For this information, the Project Sponsors estimated the general locations from which minority commuters drive to the Manhattan CBD using a several-step process. For each census tract, information is available regarding travel modes for people who travel to work in Manhattan. The analysis assumed that the travel modes for all workers traveling to Manhattan from the tract also apply to the minority population in those tracts who are traveling to Manhattan for work. Using that assumption, the Project Sponsors estimated the number of minority people who commute to work in the Manhattan CBD by travel mode from each tract.

This methodology used data sets available in the CTPP in the first four steps before estimating in the final, fifth step:

1. Identify all census tracts in the 28-county region that are origins for minority people who work in the Manhattan CBD: the result is 4,311 census tracts.
2. For all tracts identified in step 1, identify all tracts that are origins for workers who drive to work in the Manhattan CBD: the result is 3,427 census tracts.

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3. For all tracts identified in step 2, identify tracts that do not have any minority workers who drive to work, regardless of destination. The result is 25 tracts, which are then subtracted from those identified in step 2, leaving 3,402 census tracts with minority people who work in the Manhattan CBD and potentially could drive.
4. For the tracts identified in Step 3, identify tracts where all workers who commute to the Manhattan CBD drive. There are 31 such tracts, with 470 minority workers. Therefore those 470 minority workers drive to the Manhattan CBD. Similarly, identify tracts where all workers are minority or all drivers are minority. The result of this step is 8,764 minority auto commuters in 345 tracts.
5. For the remaining 3,060 census tracts, identify the percent of all workers who commute by car to the Manhattan CBD and identify the number of minority people who commute to the Manhattan CBD from the tract. Apply the auto share percentage to the minority workers, assuming that the same percentage of minority workers drives as the percentage of overall workers.

Table 17A-1 provides a summary of the results using this approach.

**Table 17A-1. Estimating Minority Workers Who Drive to the Manhattan CBD**

STEP	SOURCE	RESULT
1. Census tracts that are the origin for minority people who work in the Manhattan CBD	CTPP data on worker flows between census tracts, by race	Total minority workers in the Manhattan CBD Identification of all census tracts as origins
2. Census tracts that are origins for all workers who drive to the Manhattan CBD	CTPP data on worker flows between census tracts, by mode	Identification of specific census tracts from which people drive to work to the Manhattan CBD
3. Census tracts where no minority workers drive to work	CTPP data on worker origins and mode to work, by race (no destinations)	Identification of specific census tracts from which no minority workers can drive to work in the Manhattan CBD
4. Census tracts where all workers commute to the Manhattan CBD by driving, all workers are minority, or all drivers are minority.	CTPP data on worker flows, by race and/or by mode	Total minority commuters to the Manhattan CBD who drive from specific identified census tracts
5. For remaining census tracts, apply overall worker mode share to the Manhattan CBD to minority people who work in the Manhattan CBD.	CTPP data on worker flows by mode applied to CTPP data on worker flows by race	Estimated number of minority workers who drive to the Manhattan CBD from remaining tracts
<b>RESULTING TOTAL:</b>		<b>Estimated total of minority workers who drive to the Manhattan CBD and from which specific census tracts</b>

## 17A.6 METHODOLOGY FOR IDENTIFYING LOW-INCOME POPULATIONS

### 17A.6.1 Definitions

USDOT Order 5610.2C and FHWA Order 6640.23A include the following definitions related to minority populations:

- **Low-Income:** A person whose household income is at or below the U.S. Department of Health and Human Services (HHS) poverty guidelines.
- **Low-Income Population:** Any readily identifiable groups of low-income persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons who will be similarly affected by a proposed FHWA program, policy, or activity.

The U.S. Census Bureau identifies households and household income. According to the U.S. Census Bureau, a household “includes all the persons who occupy a housing unit as their usual place of residence.”<sup>8</sup>

The analysis for this Project used information on the number of households living in poverty from the U.S. Census Bureau 2015–2019 ACS 5-Year Estimates. The HHS poverty guidelines are based on annual statistical poverty thresholds from the U.S. Census Bureau.<sup>9</sup> The U.S. Census Bureau poverty thresholds are used to identify the population living in poverty for statistical purposes, while the HHS poverty guidelines are used to determine eligibility for Federal programs. Poverty thresholds vary by family size and composition, while poverty guidelines vary by household size and geographic location and both are updated annually.<sup>10</sup>

The environmental justice analysis used information from the U.S. Census Bureau’s 2015-2019 ACS 5-Year Estimates to identify low-income census tracts in the study area. Information on the population with household incomes below the poverty thresholds as defined by the U.S. Census Bureau is available at a local (census tract) level, whereas information on the HHS poverty guideline is not. However, as the HHS poverty guidelines are based on the Census Bureau threshold, the latter is commonly used as a proxy for the former.

Based on a review of potential methodologies and consideration of a number of critical factors, the Project Sponsors in consultation with FHWA identified income thresholds to be used in identifying low-income populations that are appropriate for identifying low-income populations in the Project study area and reflect local conditions and cost of living in the study area.

<sup>8</sup> <https://www.census.gov/quickfacts/fact/note/US/HSD410219>.

<sup>9</sup> <https://aspe.hhs.gov/frequently-asked-questions-related-poverty-guidelines-and-poverty>.

<sup>10</sup> This approach is recommended in the Federal Interagency Working Group on Environmental Justice & NEPA Committee’s *Promising Practices for Environmental Justice Methodologies in NEPA Reviews* (2016).

## 17A.6.2 Low-Income Populations in Local (Neighborhood) Study Area

### 17A.6.2.1 Approach

The Project Sponsors identified census tracts with low-income populations using a low-income threshold of twice the Federal poverty threshold. (More specifically, the Project Sponsors used data from the U.S. Census on the number of individuals in each census tract with household incomes up to 1.99 times the Federal poverty threshold. For simplicity, this analysis refers to that information as twice the Federal poverty threshold.) This income level was used to identify low-income census tracts as follows:

1. The percentage of individuals with household incomes up to twice the Federal poverty threshold in each census tract was identified and compared to that percentage for a larger reference area. Census tracts with a higher percentage of population with household incomes at or below twice the Federal poverty threshold were considered low-income.
2. The reference area for comparison was the regional 28-county study area.

The rationale for those two steps is described below.

### 17A.6.2.2 Rationale for Low-Income Threshold for Census Tracts

Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations* (February 11, 1994), directs Federal agencies to identify and address, as appropriate, disproportionately high and adverse effects of Federal actions on minority and low-income populations. That document does not define “low-income.” While the USDOT Order 5610.2C and FHWA Order 6640.23A define low-income populations as people living below the HHS poverty guideline, the 2011 FHWA guidance document notes that Project Sponsors may adopt a more inclusive threshold for low-income as long as it is inclusive of all persons at or below the Federal poverty guidelines.<sup>11</sup> The Project Sponsors used a threshold for identifying populations living in poverty that is specific to the Project context, recognizing that the level of income that constitutes poverty is higher in the New York metropolitan region than it is nationwide, given the higher cost of many items, and particularly housing, in the New York City area.

In identifying the low-income threshold of twice the Federal poverty threshold, the Project Sponsors considered the following factors, to ensure that the approach reflects the local context for the Project and employs an appropriate methodological approach:

- The threshold used for identifying low-income census tracts should relate to the Federal poverty threshold, rather than to a specific household income level. The Federal poverty threshold incorporates consideration of household size and composition, which is important in identifying a household’s economic strength.

<sup>11</sup> The U.S. Census Bureau has established poverty thresholds to identify the population living in poverty, which are updated each year. These can be used to identify the population living in poverty in a specific location, such as a census tract. The HHS poverty guidelines are a simplified version of those Federal poverty thresholds that are used for administrative purposes—for instance, determining financial eligibility for certain Federal programs. <https://aspe.hhs.gov/frequently-asked-questions-related-poverty-guidelines-and-poverty>.

- The threshold used for identifying low-income census tracts should be consistent with relevant guidance developed by Federal, state, and local agencies.
- The threshold used for identifying low-income census tracts should be based on data that is readily available at a census tract level from the U.S. Census, without adjustments and estimations that might make the results difficult to explain or less clearly reliable.

These considerations are described below.

### **Relationship to Federal Poverty Threshold**

An important consideration in selecting the threshold for identifying low-income census tracts is that it should relate to the Federal poverty threshold, rather than to a specific household income level. The Federal poverty threshold incorporates consideration of household size and composition, which is important in identifying a household's economic strength.

The Federal poverty threshold varies by family size, number of children, and number of people over age 65. As shown **Table 17A-2**, for 2019, the poverty threshold ranged from a household income of \$13,011 for a one-person household to \$52,875 for a family of nine people or more.<sup>12</sup> The values shown in this table from the U.S. Census Bureau are weighted averages for the actual more detailed thresholds, which account for the age of the head of household and number of children in the family.

**Table 17A-2. 2019 Federal Poverty Threshold by Family Size**

SIZE OF FAMILY UNIT	WEIGHTED AVERAGE THRESHOLD
One person	\$13,011
Two people	\$16,521
Three people	\$20,335
Four people	\$26,172
Five people	\$31,021
Six people	\$35,129
Seven people	\$40,016
Eight people	\$44,461
Nine people or more	\$52,875

Source: U.S. Census Bureau.

Note: The poverty thresholds for each family size include specific amounts that vary depending on the age of the primary householder (under age 65 or over age 65) and the number of related children under 18 years old in the family.

Based on the information in **Table 17A-2**, identifying an income threshold that is not tied to household size and composition would not adequately represent the economic strength of households in a specific census tract.

<sup>12</sup> Please note that the Project Sponsors used 2019 census data in the EA, since 2019 is the most recent year for which full sets of census data are available.



**Guidance from Federal, State, and Local Agencies Related to Populations in Poverty**

The Project Sponsors reviewed a range of different Federal, state, and local programs, guidance, and policies related to identifying low-income populations and populations in poverty. Methodologies and approaches vary, depending on the purpose of the specific program or policy. A number of key programs and guidance documents support the use of twice the Federal poverty threshold in identifying low-income populations, including those described below.

***U.S. Environmental Protection Agency EJSCREEN***

The U.S. Environmental Protection Agency (USEPA) has developed an environmental justice mapping and screening tool, EJSCREEN, that uses demographic information and environmental indicators to identify geographic areas of concern in environmental justice analyses for projects subject to approval by EPA (<https://www.epa.gov/ejscreen>). To identify low-income populations, the EPA screening tool identifies the percent of a census block group's population with household income less than or equal to twice the Federal poverty threshold.

The technical documentation for EPA's environmental justice screening tool explains the rationale for using twice the Federal poverty level (see Appendix B of the EJSCREEN Technical Documentation).<sup>13</sup> The explanation provided includes the following:

- "The effects of income on baseline health and probably on other aspects of susceptibility are not limited to those below the poverty thresholds—those from 1x to 2x poverty also have worse health overall than those with higher incomes . . . , and asthma rates, for example, begin to increase as income falls below twice the poverty threshold."
- "Many studies in various fields use 2x times poverty, and many others use 1x poverty; the same is true for prior EPA screening tools. There is precedent for both. However, a rationale often mentioned is that today's poverty thresholds are too low to adequately capture the populations adversely affected by low income levels, especially in high-cost areas. Some analysts have concluded that the amount of income actually required for basic living costs without government support is far higher than the current Federal poverty thresholds."

***Guidance Related to Justice40 Initiative***

On January 27, 2021, President Biden signed Executive Order 14008, *Tackling the Climate Crisis at Home and Abroad*, which established an environmental justice initiative known as "Justice40." The Executive Order established a goal that for the Federal government's investments in certain areas, 40 percent of the overall benefits of these investments should benefit disadvantaged communities.

As part of the government-wide Justice40 initiative, the Council on Environmental Quality (CEQ), in partnership with the U.S. Digital Service, developed a geospatial Climate and Economic Justice Screening Tool. That screening tool includes interactive maps to assist agencies in defining and identifying disadvantaged communities at the census tract level. A preliminary version of the screening tool is currently

<sup>13</sup> [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf).

available for public comment (<https://screeningtool.geoplatform.gov/en/about>). One of the factors the Climate and Economic Justice Screening Tool uses for identifying disadvantaged communities is related to low-income status, where the low-income population is defined as the percent of a census tract's population where household income is at or below twice the Federal poverty level.<sup>14</sup>

### ***New York State Environmental Justice Policy***

In 2003, the New York State Department of Environmental Conservation (NYSDEC) issued a policy statement related to incorporating environmental justice concerns in the agency's permitting processes. That policy statement, *Commissioner Policy 29 (CP-29), Environmental Justice and Permitting*, is still in effect today. CP-29 identifies a low-income population to be a population with annual income less than the Federal poverty threshold.

### ***New Jersey Environmental Justice Screen***

In 2020, New Jersey Governor Phil Murphy signed a statewide Environmental Justice Law, which requires the New Jersey Department of Environmental Protection (NJDEP) to evaluate the environmental and public health impacts of certain facilities on overburdened communities when reviewing certain permit applications. That law defines an overburdened community based on the percentage of low-income households, the percentage of minority residents, and/or the percentage of households with limited English proficiency. Low-income households are defined as those at or below twice the Federal poverty threshold as determined by the U.S. Census Bureau.<sup>15</sup>

### ***New York City Local Poverty Threshold***

The City of New York produces and publishes each year its own poverty measure, which considers the higher cost of living in New York City relative to many other areas of the U.S. This information is available at <https://www1.nyc.gov/site/opportunity/poverty-in-nyc/poverty-measure.page>.

The New York City poverty measure is based on national data on family spending for necessities (food, clothing, shelter, and utilities), but is adjusted for family size and the higher cost of housing in New York City. It also reflects many factors that are in place to address local poverty, including nutrition assistance (the Federal Supplemental Nutrition Assistance Program [SNAP], free school meals, and the Special Supplemental Nutrition Program for Women, Infants, and Children), housing assistance (including public, subsidized, and rent-regulated apartments), and home heating assistance. It also reflects nondiscretionary spending, such as child-care and transit costs and out-of-pocket medical expenses.

Like the Federal threshold, the New York City poverty threshold varies depending on the size of the family and the number of children in the family. The annual report published in 2021, which presents poverty data for 2019 (the most recent report for which detailed appendices are available) presents a comparison of the Federal poverty threshold and New York City poverty threshold. That information is presented in **Table 17A-3**.

<sup>14</sup> <https://screeningtool.geoplatform.gov/en/methodology>.

<sup>15</sup> <https://www.nj.gov/dep/ej/policy.html>.



## Appendix 17A: Environmental Justice Webpage

Table 17A-3. Comparison of New York City and Federal Poverty Thresholds for 2019

FAMILY SIZE	2019 NEW YORK CITY POVERTY THRESHOLD	2019 FEDERAL POVERTY THRESHOLD	RATIO OF NEW YORK CITY TO FEDERAL THRESHOLD
One Adult, No Children	\$16,806	\$13,300	1.26
Two Adults, No Children	\$23,697	\$17,120	1.38
One Adult, One Child	\$25,360	\$17,622	1.44
One Adult, Two Children	\$30,108	\$20,598	1.46
One Adult, Three Children	\$34,552	\$26,107	1.33
Two Adults, One Child	\$31,917	\$20,578	1.55
Two Adults, Two Children	\$36,262	\$25,926	1.40
Two Adults, Three Children	\$40,394	\$30,510	1.32

Sources: U.S. Census Bureau and Office of the Mayor, New York City Government Poverty Measures 2019, Appendix B, Defining a Poverty Threshold for New York City, Table B.3. <https://www1.nyc.gov/site/opportunity/poverty-in-nyc/poverty-measure.page>.

As defined in the report, the poverty threshold represents “the minimal socially acceptable measure of resources necessary for a family of a particular size.” New York City also defines a “near-poverty” threshold for families that have incomes within 150 percent of the New York City poverty threshold. **Table 17A-4** presents the near-poverty thresholds as defined by New York City and their resulting ratio to the Federal poverty threshold for 2019. Based on the information from **Table 17A-2**, this near-poverty threshold aligns with the use of twice the Federal poverty threshold for identifying low-income households.

Table 17A-4. Comparison of New York City “Near Poverty” Threshold and Federal Poverty Threshold for 2019

FAMILY SIZE	2019 NEW YORK CITY NEAR POVERTY THRESHOLD	2019 FEDERAL POVERTY THRESHOLD	RATIO OF NEW YORK CITY TO FEDERAL THRESHOLD
One Adult, No Children	\$25,209	\$13,300	1.90
Two Adults, No Children	\$35,545	\$17,120	2.08
One Adult, One Child	\$38,041	\$17,622	2.16
One Adult, Two Children	\$45,161	\$20,598	2.19
One Adult, Three Children	\$51,829	\$26,107	1.99
Two Adults, One Child	\$47,876	\$20,578	2.33
Two Adults, Two Children	\$54,393	\$25,926	2.10
Two Adults, Three Children	\$60,591	\$30,510	1.99

Source: U.S. Census Bureau and Office of the Mayor, New York City Government Poverty Measures 2018, Appendix B, Defining a Poverty Threshold for New York City, Table B.7. <https://www1.nyc.gov/site/opportunity/poverty-in-nyc/poverty-measure.page>.

### New York City Environmental Justice Initiative

In addition to the local poverty measure that the City of New York developed and updates annually, in 2017 then-Mayor Bill de Blasio signed into law Local Law 60, which required that a citywide study of environmental justice be conducted and summarized in a report, the *Environmental Justice for All Report*. The law also required the creation of an online environmental justice portal with a mapping tool for environmental justice data.

In December 2021, the City published the proposed scope of work for the *Environmental Justice for All Report* for public review and comment (<https://www1.nyc.gov/assets/sustainability/downloads/pdf/EJ-Report-Scope.pdf>). As outlined in that scope, environmental justice areas will be identified in that report based on the presence of low-income or minority populations. Low-income populations are defined as populations with annual incomes less than the poverty threshold established by the U.S. Census Bureau.

### ***New York City Fair Fares Program***

Also relevant for the analysis as a policy related to ability to pay for costs of travel, is New York City's "Fair Fares" program, a program developed by the City of New York to provide low-income New York City residents with half-price transit fares. This program provides a 50 percent discount for subway and local bus fares as well as the cost of Access-A-Ride paratransit trips. The Fair Fares program is available to eligible New York City residents with incomes at or below the Federal poverty level.

### ***Summary***

A number of different programs for identifying economically disadvantaged populations for purposes of evaluating and addressing environmental justice and transportation equity support identifying low-income populations as people in households with incomes up to twice the Federal poverty threshold. At the Federal level, these include EPA's EJSCREEN and the preliminary guidance and screening tools developed for the Justice40 initiative. At the state level, they include New York State environmental justice thresholds for permitting and New Jersey's Environmental Justice Law. In New York City, a locally developed poverty measure reflecting the specific cost of living factors in the city is also consistent with a threshold at twice the Federal poverty level.

### **Data Readily Available from the U.S. Census**

Using twice the Federal poverty threshold as an indicator of low-income population is consistent with a goal of using a threshold that is based on data that is readily available at a census tract level from the U.S. Census, without adjustments and estimations that might make the results difficult to explain or less clearly reliable. The U.S. Census includes information on the number of individuals with household incomes at or below the Federal poverty threshold at the census tract level. It also includes information about the number of individuals with household incomes of up to twice (1.99 times) the Federal poverty threshold, as well as other multiples of the poverty threshold. This information reflects the family size and composition of each individual as well as their household income in identifying their income status relative to the poverty threshold.

#### ***17A.6.2.3 Rationale for Reference Area for Census Tracts***

The methodology for identifying low-income census tracts involves comparing the percent of the population in each tract at or below the selected indicator (in this case, a threshold of twice the Federal poverty threshold) to the percent in a reference area. This ensures that the results reflect the local context, by determining whether the census tract has more people living below the indicator than the general population of the area. Reference areas are typically larger than the area where a project is proposed, so that they can reasonably represent the general population. The Federal Interagency Working Group on



Environmental Justice & NEPA Committee's publication, *Promising Practices for Methodologies in NEPA Reviews* (March 2016), lists as examples of reference areas the county or state where a project is proposed.

Consistent with this approach, the EPA's EJSCREEN provides information on the percent of population in a given census block group in comparison to the percent in the state where that tract is located. Information is presented as percentiles, showing how much the census tract differs from the state level—the percentiles illustrate what percent of the state population has a higher value than the census tract.

For the CBD Tolling Program, given the Project's potential wide-ranging effects across a 28-county study area, a large reference area is appropriate. This avoids the potential of missing low-income populations, which might occur if a smaller area with a higher proportion of low-income people were selected. For this reason, the Project Sponsors used the 28-county region as the reference area. The proportion of low-income populations in the 28-county region was calculated as (1) the sum of individuals living in households with incomes up to twice (1.99 times) the Federal poverty rate in each of the 28 counties in the region divided by (2) the sum of individuals for whom poverty status has been determined in those same counties.

### 17A.6.3 Low-Income Populations in Regional Study Area

Similar to the approach for minority-population commuters, the environmental justice analysis also considers the Project's potential for effects on low-income-population commuters, travelers, or individuals in specific industries, businesses, or other groups that could be affected by increased costs associated with accessing the Manhattan CBD.

#### 17A.6.3.1 Approach

To identify low-income commuters to the Manhattan CBD, data from the CTPP related to worker flows by income and mode was used. Information available from the CTPP that aligns as closely as possible with the threshold for census tracts was used to identify low-income drivers. A household income threshold of \$50,000 was used to identify low-income drivers. The rationale for this threshold is described below.

#### 17A.6.3.2 Rationale for Methodology to Identify Low-Income Commuters

In identifying the low-income threshold for travelers in the regional study area, the Project Sponsors considered the following factors, to ensure that the approach reflects the local context for the Project and employs an appropriate methodological approach:

- The threshold used for identifying low-income commuters (and other travelers) should align, to the extent practicable, with the threshold used for identifying low-income census tracts.
- The threshold used for identifying low-income commuters (and other travelers) should be based on data that is readily available from the U.S. Census, without adjustments and estimations that might make the results difficult to explain or less clearly reliable.

Information on workers who travel to and from the Manhattan CBD for work is available from the CTPP, a product prepared by the U.S. Census Bureau. The CTPP provides information on flows of workers between

their home census tracts and work destinations. That information is available by travel mode for a range of household incomes. For travel mode by household income, data are available for the following household income categories:

- Up to \$34,999
- \$35,000-\$49,999
- \$50,000-\$74,999
- \$75,000 or more

However, the CTPP does not include information on the household size and composition for these commuters, so it is not possible to determine whether they have household incomes that are at or below twice the Federal poverty level, which is the low-income threshold for identifying low-income census tracts. Instead, a single household income threshold must be defined to identify low-income commuters. For this Project, the income threshold to define low-income travelers was based on the income threshold used to define low-income census tracts, twice the Federal poverty level, assuming the average household size in the Project study area.

As noted earlier and presented in **Table 17A-2** above, the Federal poverty threshold varies by family size, number of children, and number of people over age 65. The average household size for the Project study area is 2.8 people per household, based on the following average household sizes in 2019:

- 28-county regional study area: 2.78 persons per household
- 10-county study area consisting of New York City and the immediately surrounding areas: 2.82 persons per household
- New York City: 2.81 persons per household

Consequently, the Federal poverty threshold for the average-size family in the Project study area was approximately \$20,335 in 2019 (see **Table 17A-2**), and twice the Federal poverty threshold was approximately \$41,000.

Using the household income ranges available from the CTPP, the environmental justice analysis considered all workers with household incomes up to \$50,000 as low-income. This is approximately equivalent to, although higher than, the low-income threshold of twice the Federal poverty threshold for a three-person family, which is the average household size for the Project study area. Using this threshold allowed the Project Sponsors to use data directly available from the CTPP, without the need for adjustments or estimations.



## 17B, Environmental Justice Profile of Study Areas: Maps

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- Local Study Area Neighborhoods
  - Overview of Local Study Area
  - Central Business District, New York County (Manhattan), NY
  - Outside Central Business District, New York County (Manhattan), NY
  - Bronx County, NY
  - Kings County (Brooklyn), NY
  - Queens County, NY
  - Richmond County, NY
  - Nassau County, NY
  - Bergen County, NJ
  - Essex County and Union County, NJ
  - Hudson County, NJ
- Regional Study Area Neighborhoods Outside Local Study Area
  - Overview of Regional Study Area
  - Connecticut Counties: Fairfield and New Haven Counties
  - New Jersey Northern Counties: Hunterdon, Morris, Passaic, Somerset, Sussex, and Warren Counties
  - New Jersey Southern Counties: Mercer, Middlesex, Monmouth, and Ocean Counties
  - New York Counties North of New York City: Dutchess, Putnam, Orange, Rockland, and Westchester Counties
  - Long Island County: Suffolk County, NY

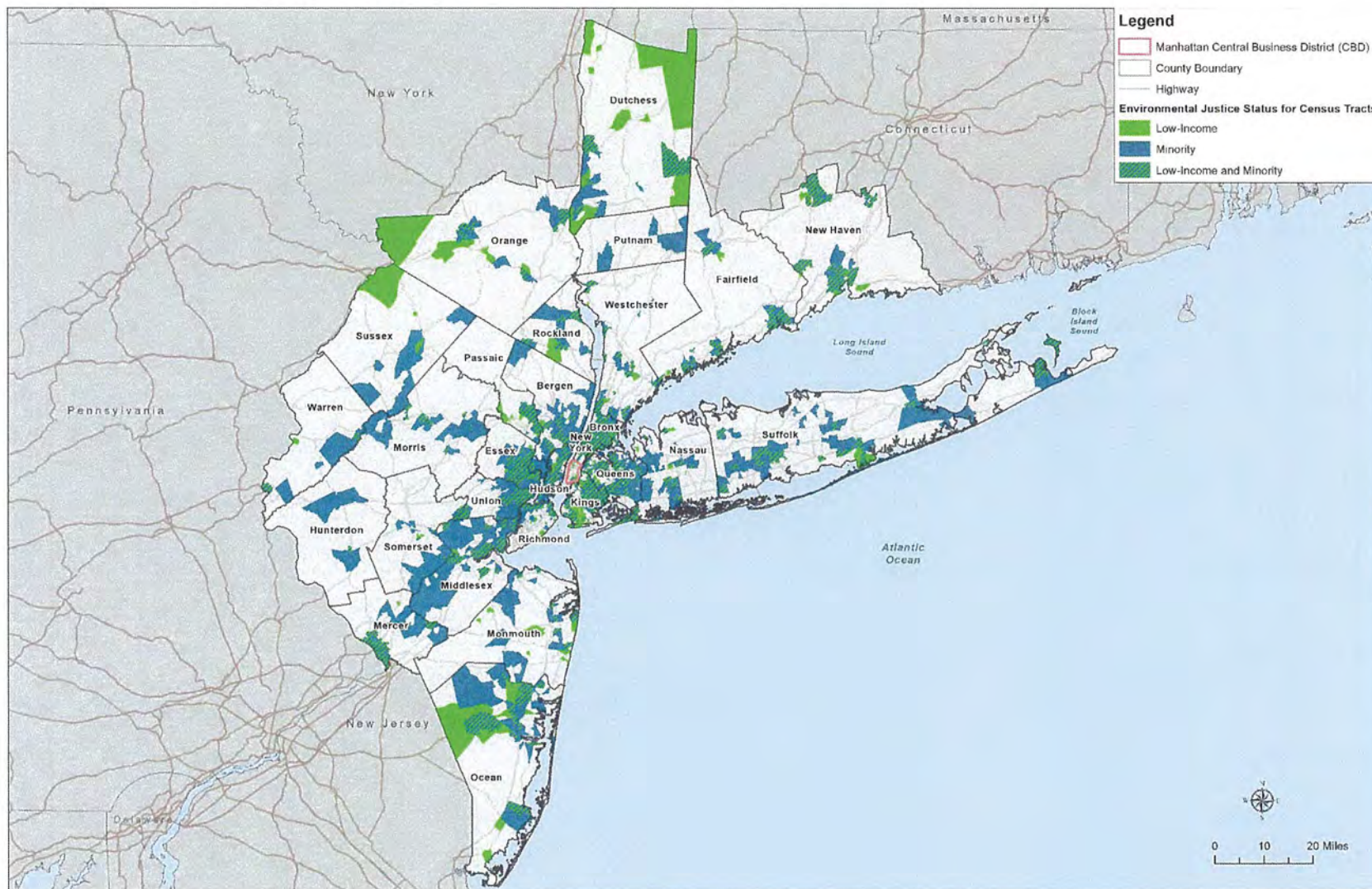


LOCAL STUDY AREA NEIGHBORHOODS





Figure 17B-1. Overview of Local Study Area



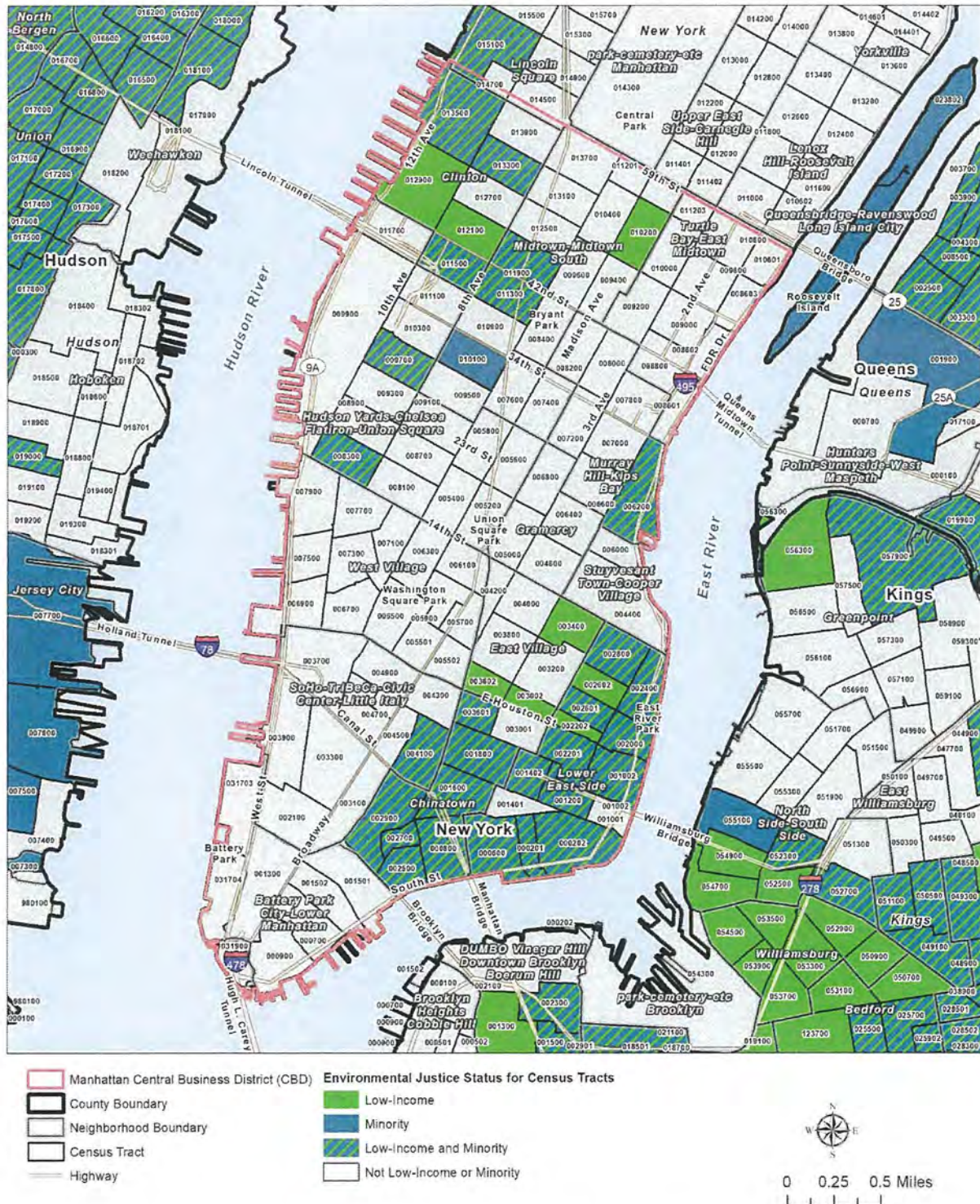
Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.



Central Business District (CBD) Tolling Program Environmental Assessment

Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas: Maps

Figure 17B-2. Central Business District, New York County (Manhattan), NY



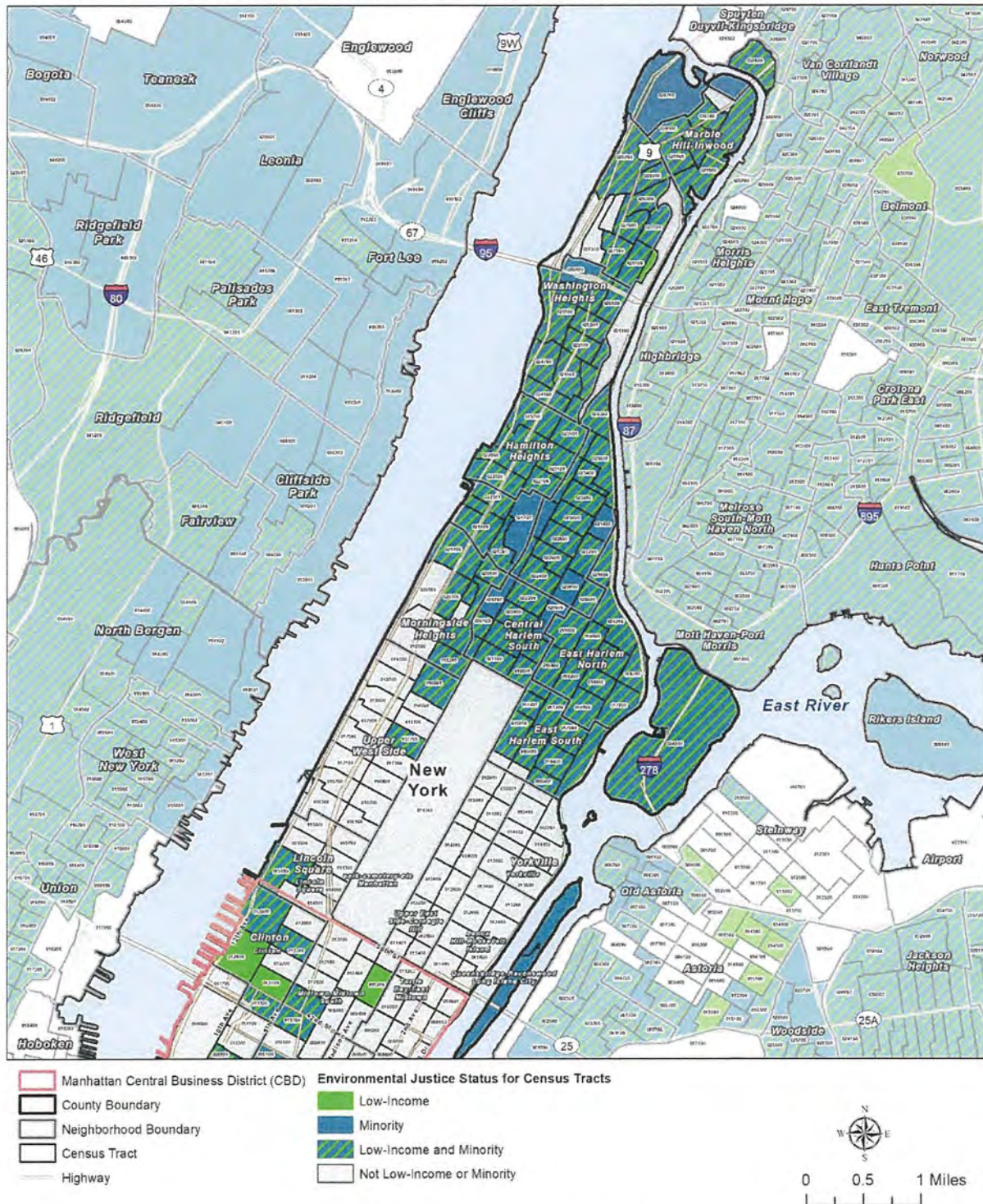
Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.

Note: Refer to Appendix 17C, Table 17C-1 for specific information pertaining to this figure.



Central Business District (CBD) Tolling Program Environmental Assessment  
Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas: Maps

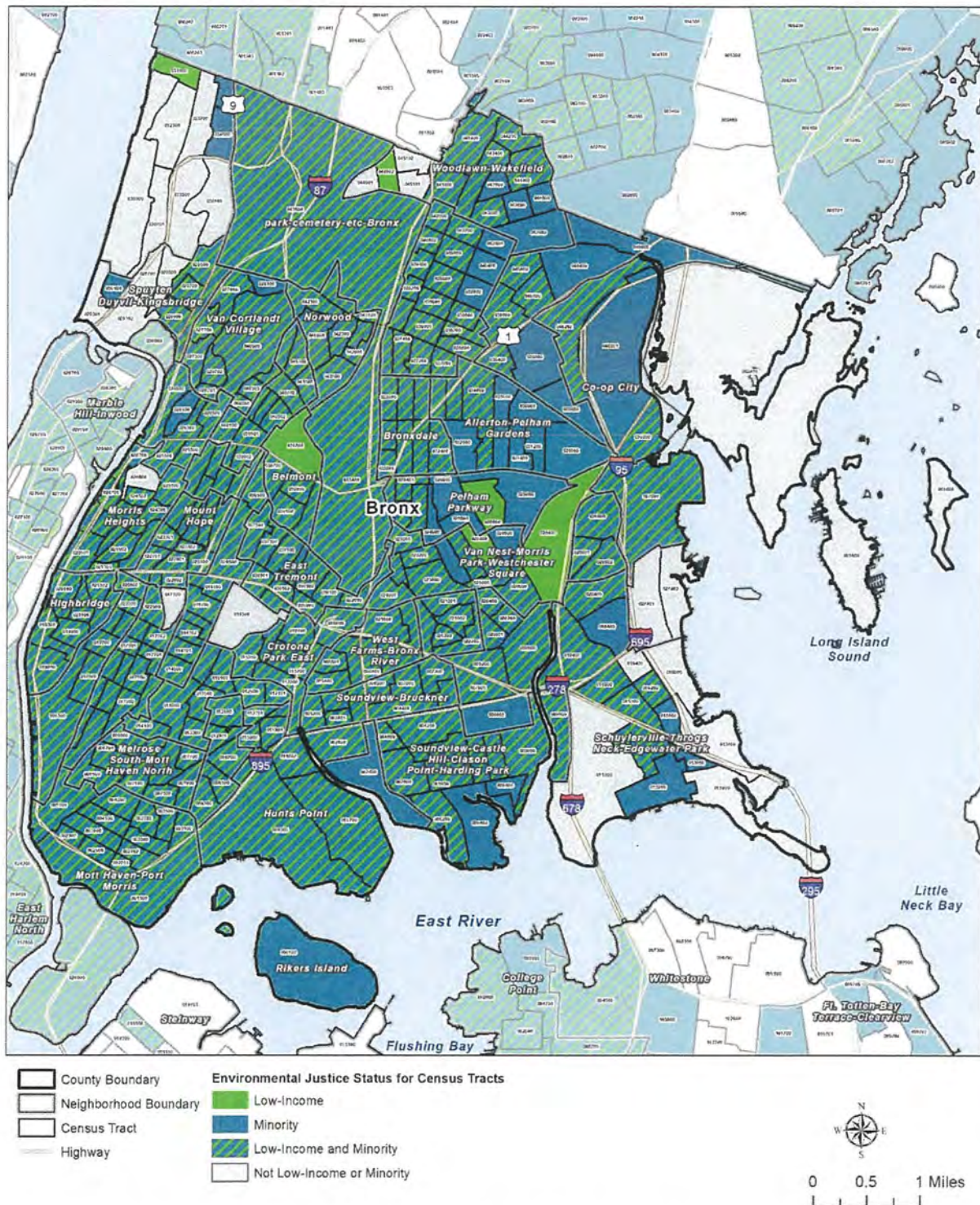
Figure 17B-3. Outside Central Business District, New York County (Manhattan), NY



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
Note: Refer to Appendix 17C, Table 17C-2 for specific information pertaining to this figure.



Figure 17B-4. Bronx County, NY



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
 Note: Refer to Appendix 17C, Table 17C-3 for specific information pertaining to this figure.



Central Business District (CBD) Poling Program Environmental Assessment  
 Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas: Maps

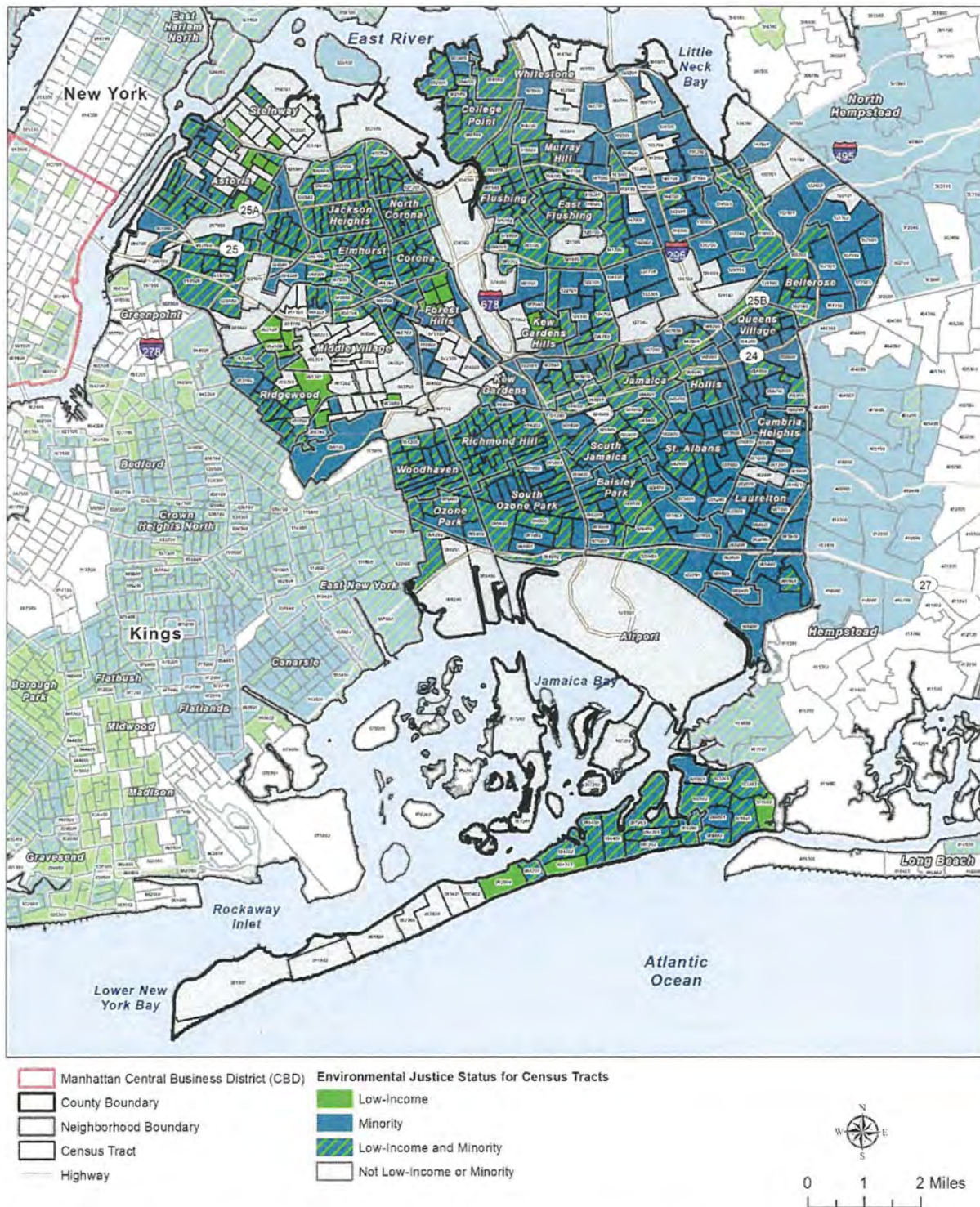
Figure 17B-5. Kings County (Brooklyn), NY



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
 Note: Refer to Appendix 17C, Table 17C-4 for specific information pertaining to this figure.



Figure 17B-6. Queens County, NY

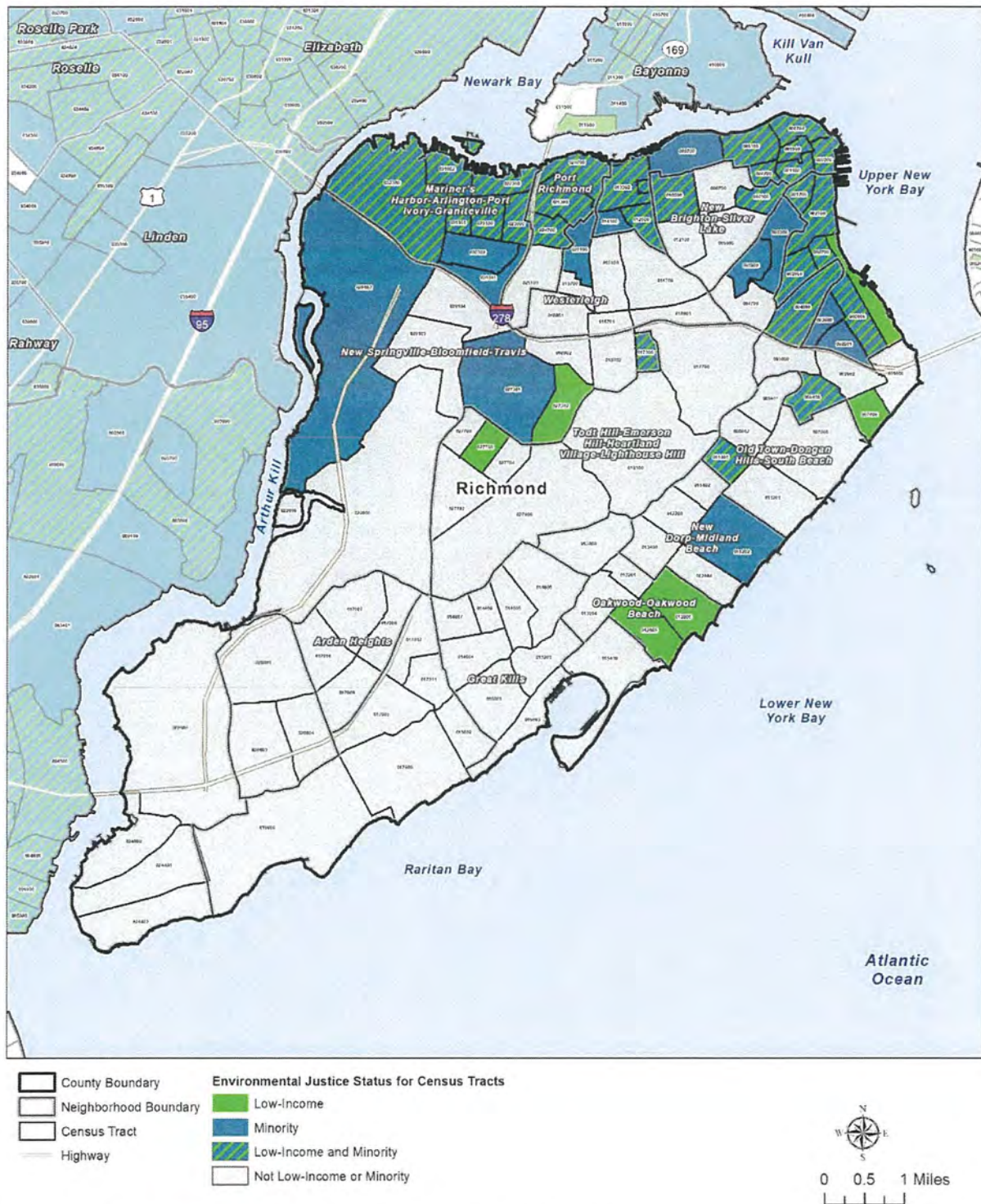


Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
 Note: Refer to Appendix 17C, Table 17C-5 for specific information pertaining to this figure.



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Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas: Maps

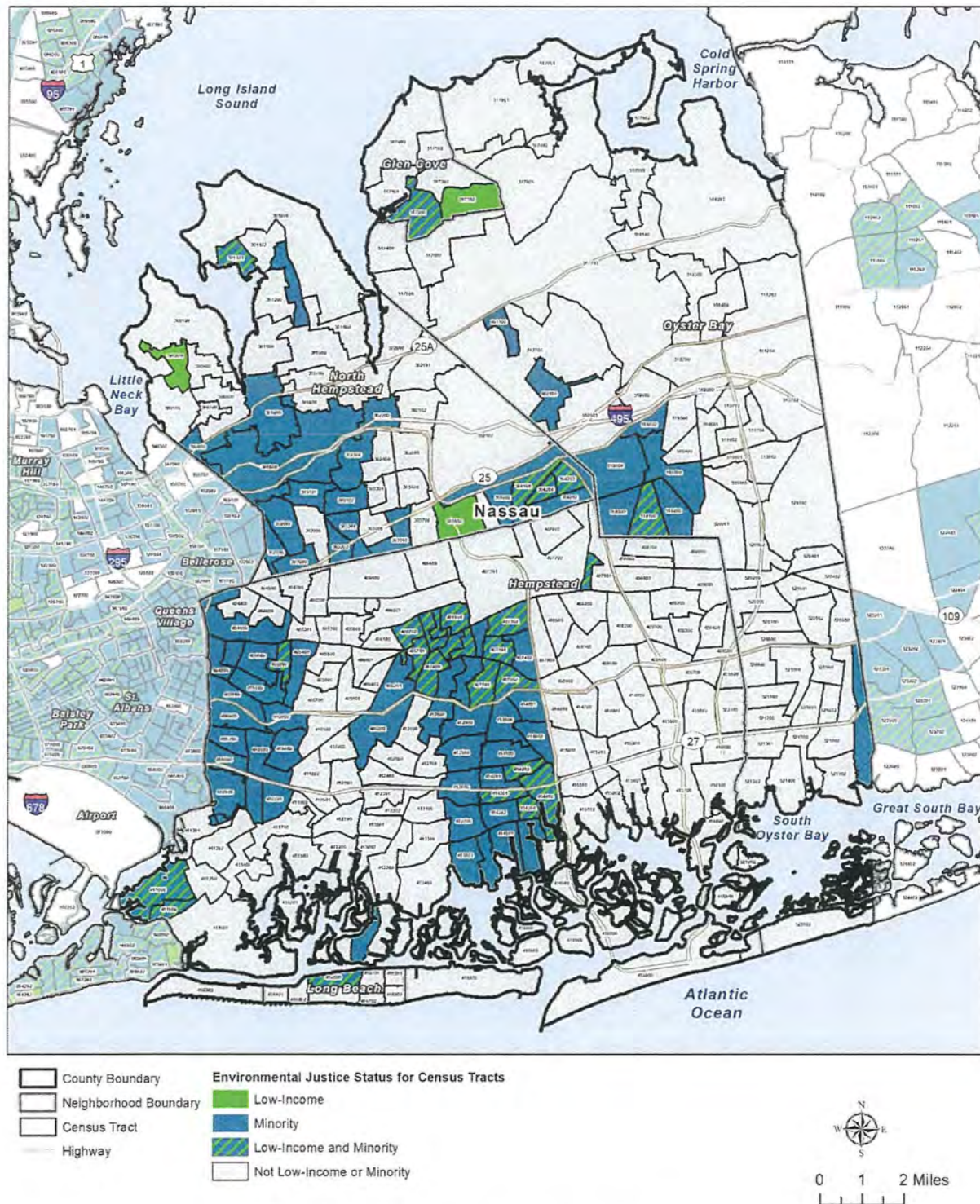
Figure 17B-7. Richmond County, NY



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
Note: Refer to Appendix 17C, Table 17C-3 for specific information pertaining to this figure.



Figure 17B-8. Nassau County, NY



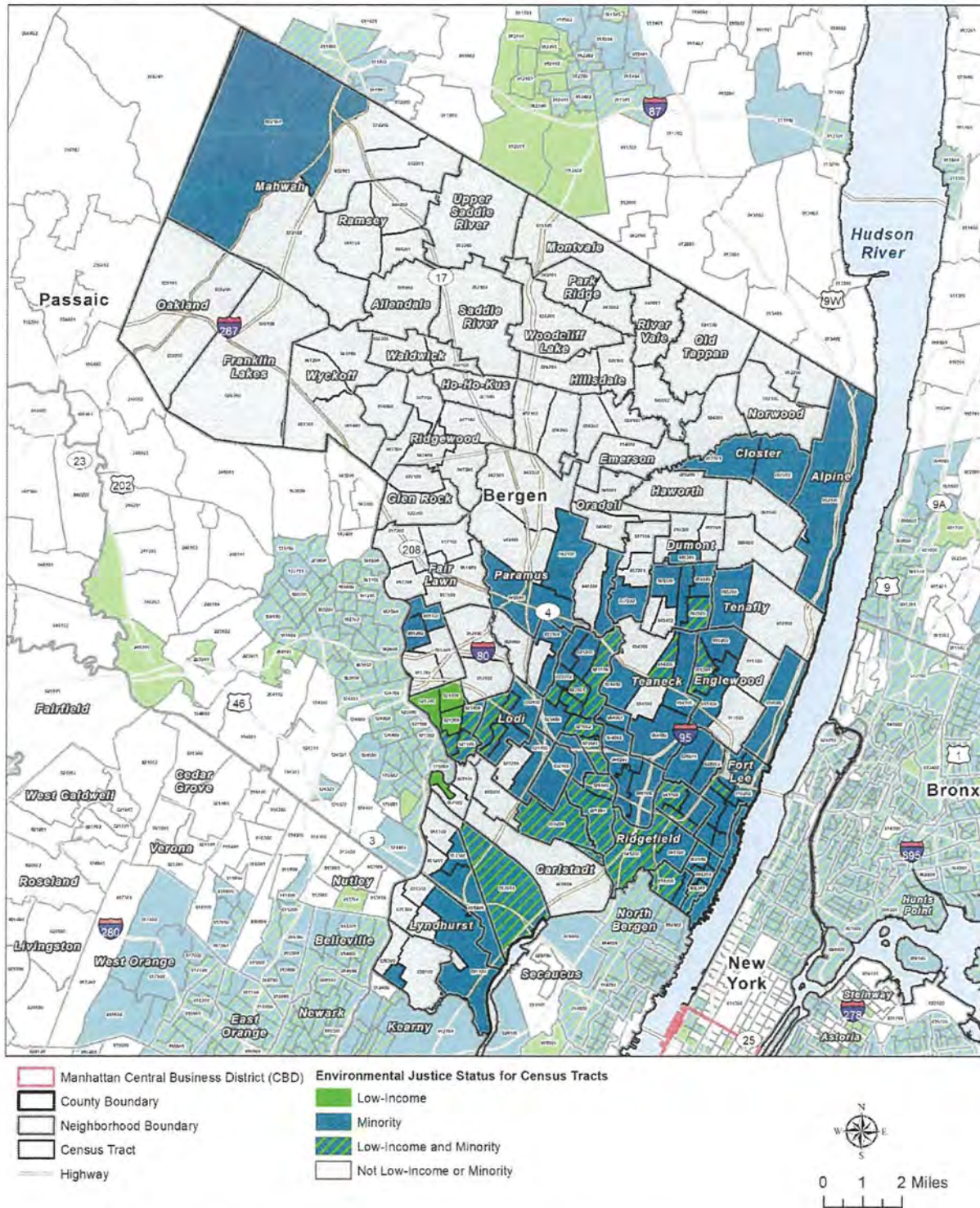
Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.

Note: Refer to Appendix 17C, Table 17C-7 for specific information pertaining to this figure.



Central Business District (CBD) Railing Program Environmental Assessment  
Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas: Maps

Figure 17B-9. Bergen County, NJ



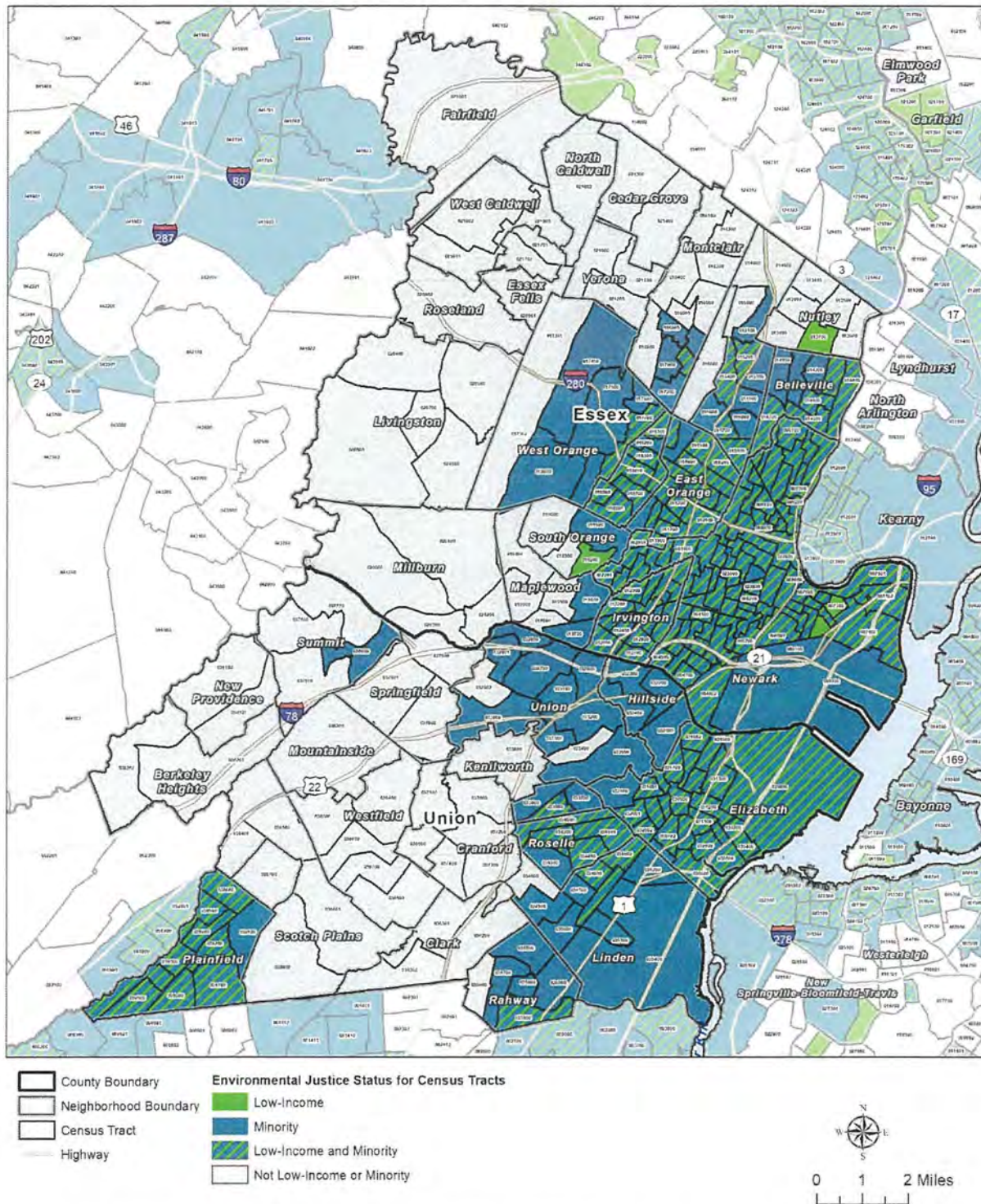
Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
Note: Refer to Appendix 17C, Table 17C-8 for specific information pertaining to this figure.



Connecticut Executive Order 10001: Polling Program Development/Assessment

Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas Maps

Figure 17B-10. Essex County and Union County, NJ



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.

Note: Refer to Appendix 17C, Table 17C-9 (Essex County) and Table 17C-11 (Union County) for specific information pertaining to this figure.



Figure 17B-11. Hudson County, NJ

Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.



*Central Business District (CBD) Tolling Program Environmental Assessment*  
Appendix 17B, Environmental Justice: Environmental Justice Profile of Study Areas: Maps

## REGIONAL STUDY AREA NEIGHBORHOODS OUTSIDE LOCAL STUDY AREA



**Legend**

- Manhattan Central Business District (CBD)
- County Boundary
- Census Tract
- Highway

**Environmental Justice Status for Census Tracts**

- Low-Income
- Minority
- Low-Income and Minority
- Not Low-Income or Minority

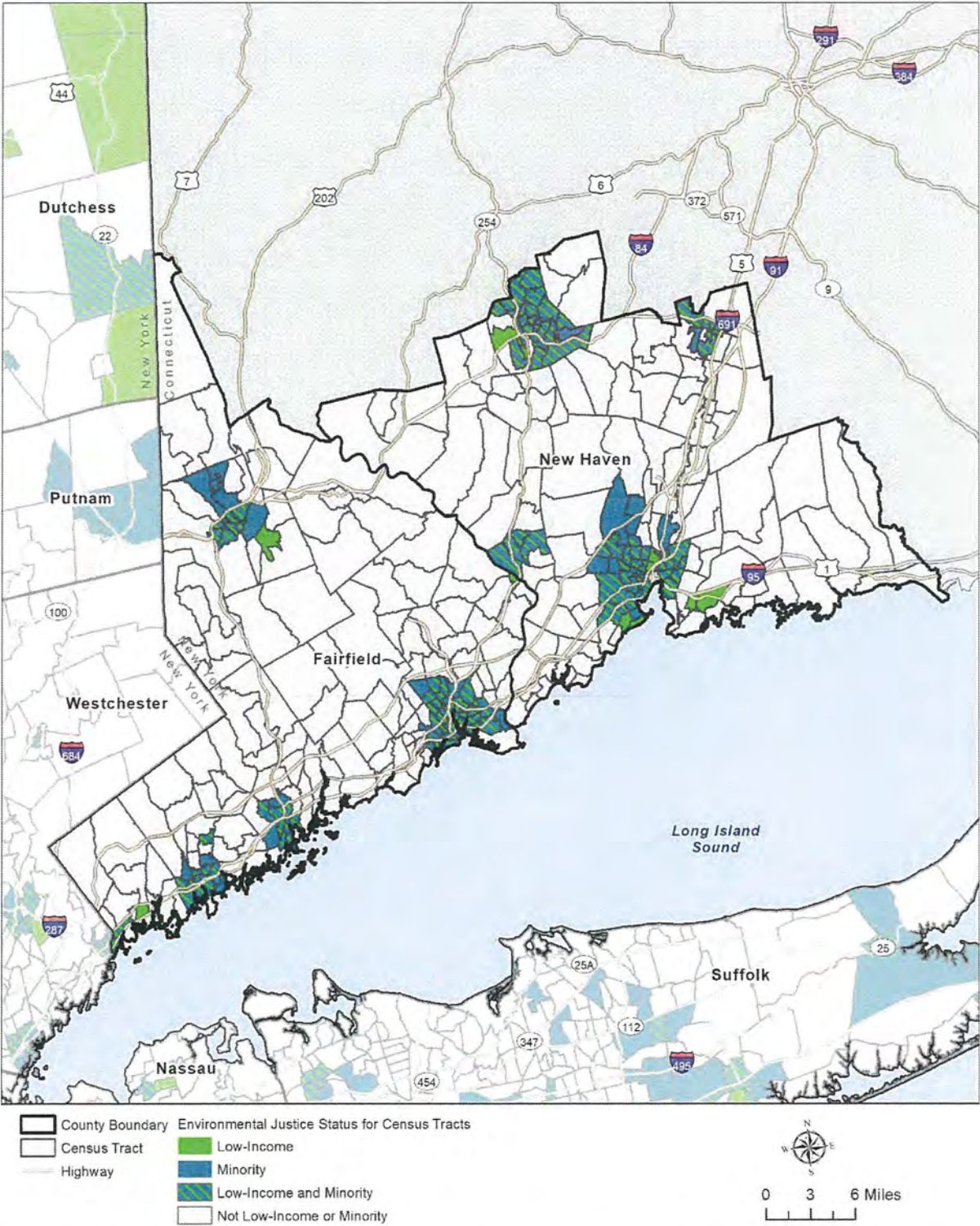
Map labels: New Jersey, New York, Connecticut, Bergen, Hudson River, Bronx, New York, Queens, Kings, Richmond, Essex, Union, Nassau, Long Island Sound, Atlantic Ocean.

Scale: 0 3 6 Miles

Appendix 17B-12



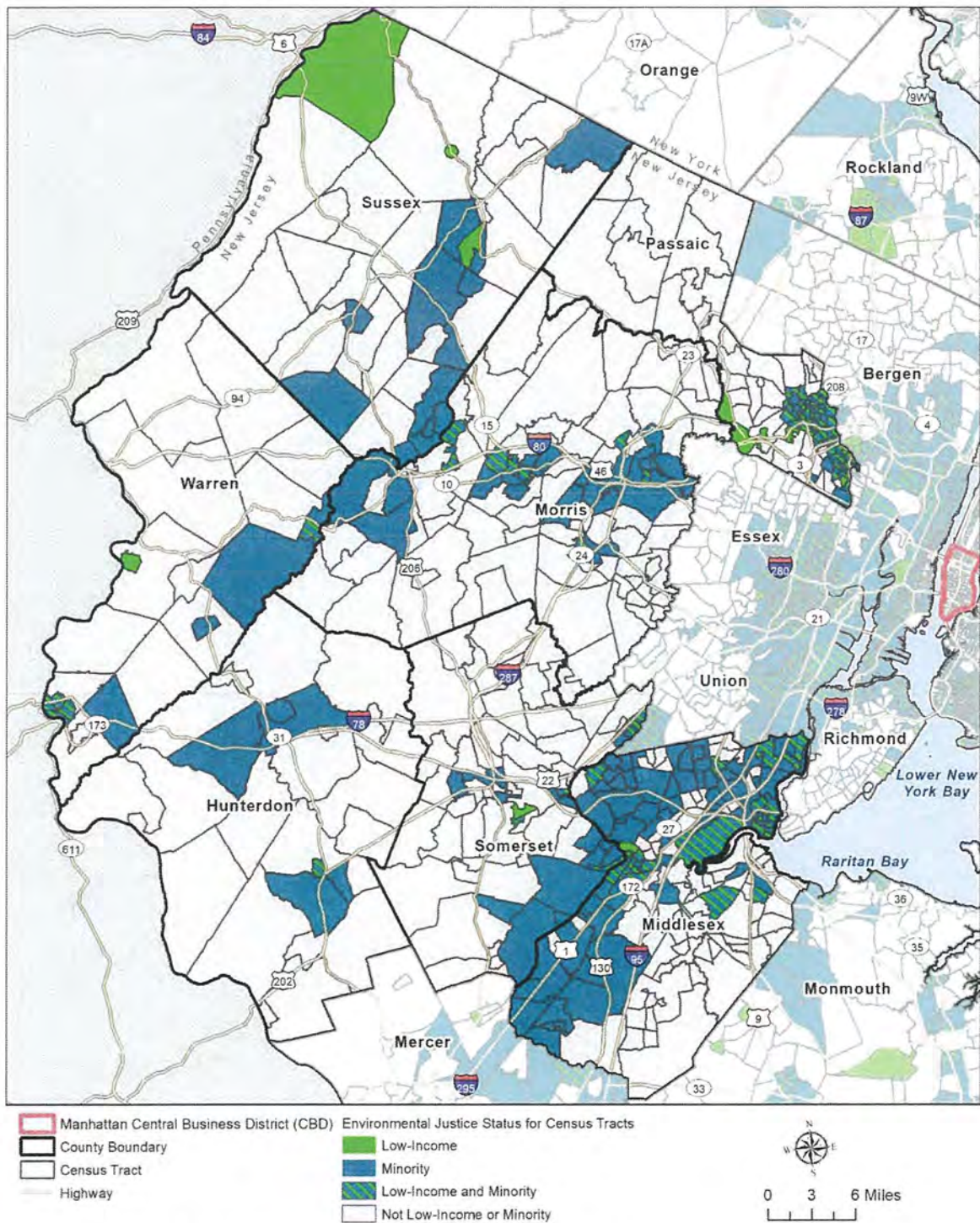
Figure 17B-13. Connecticut Counties: Fairfield and New Haven Counties



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
Note: Refer to Appendix 17C, Table 17C-12 (Fairfield County) and Table 17C-13 (New Haven County) for specific information pertaining to this figure.



Figure 17B-14. New Jersey Northern Counties: Hunterdon, Morris, Passaic, Somerset, Sussex, and Warren Counties

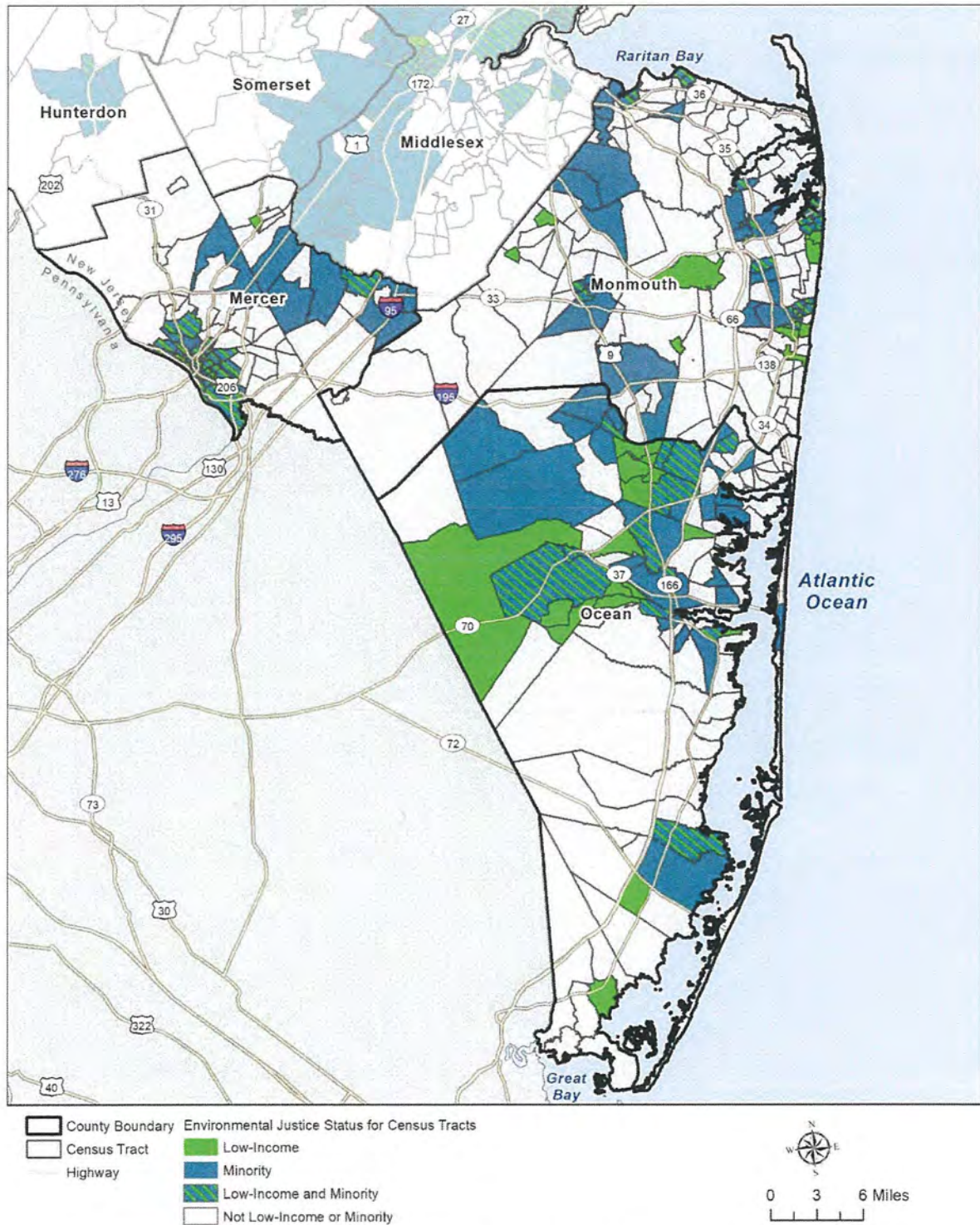


Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.

Note: Refer to Appendix 17C, Table 17C-14 (Hunterdon County), Table 17C-18 (Morris County), Table 17C-20 (Passaic County), Table 17C-21 (Somerset County), Table 17C-22 (Sussex County), and Table 17C-23 (Warren County) for specific information pertaining to this figure.



Figure 17B-15. New Jersey Southern Counties: Mercer, Middlesex, Monmouth, and Ocean Counties

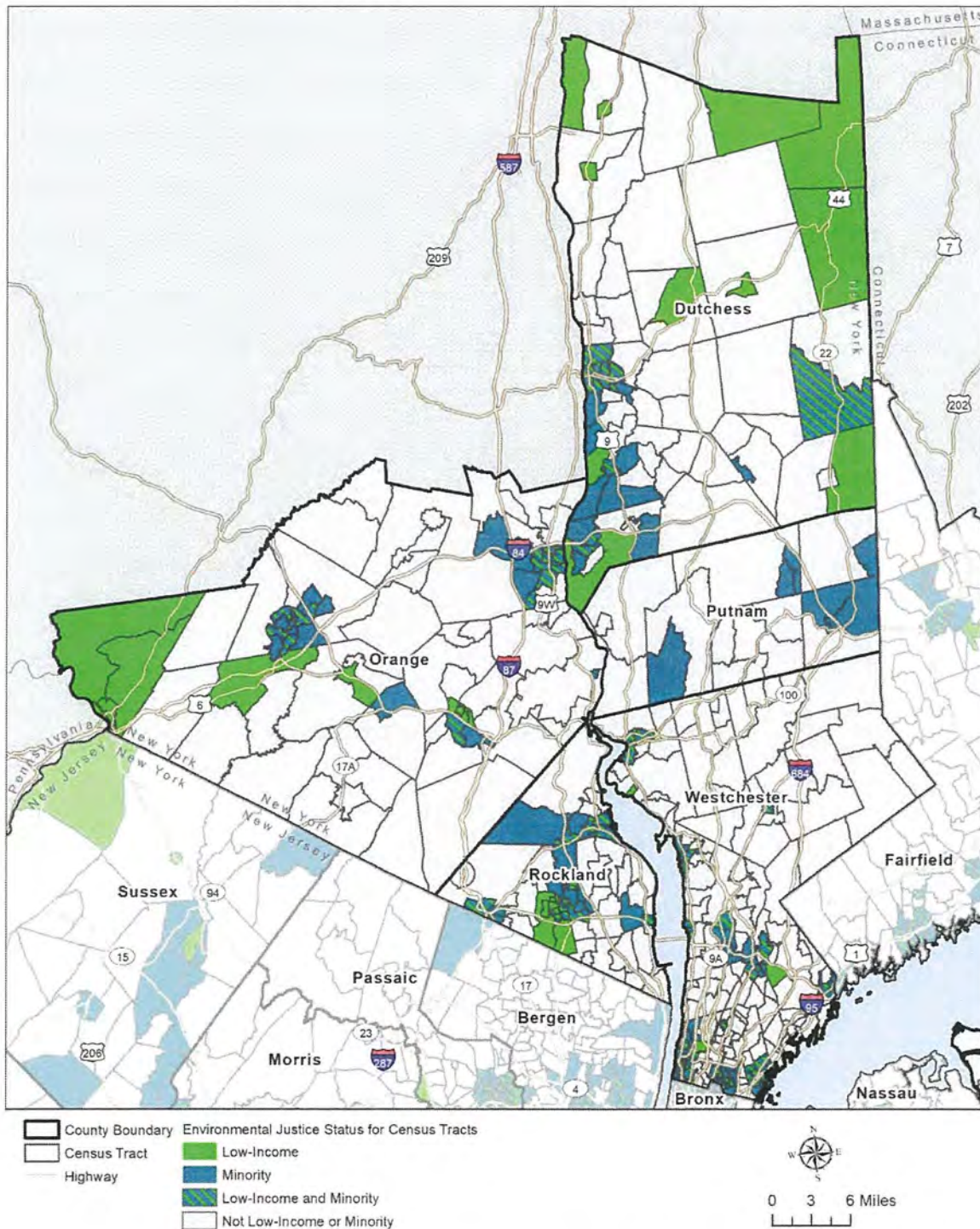


Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.

Note: Refer to Appendix 17C, Table 17C-15 (Mercer County), Table 17C-16 (Middlesex County), Table 17C-17 (Monmouth County), and Table 17C-19 (Ocean County) for specific information pertaining to this figure.



Figure 17B-16. New York Counties North of New York City: Dutchess, Putnam, Orange, Rockland, and Westchester Counties

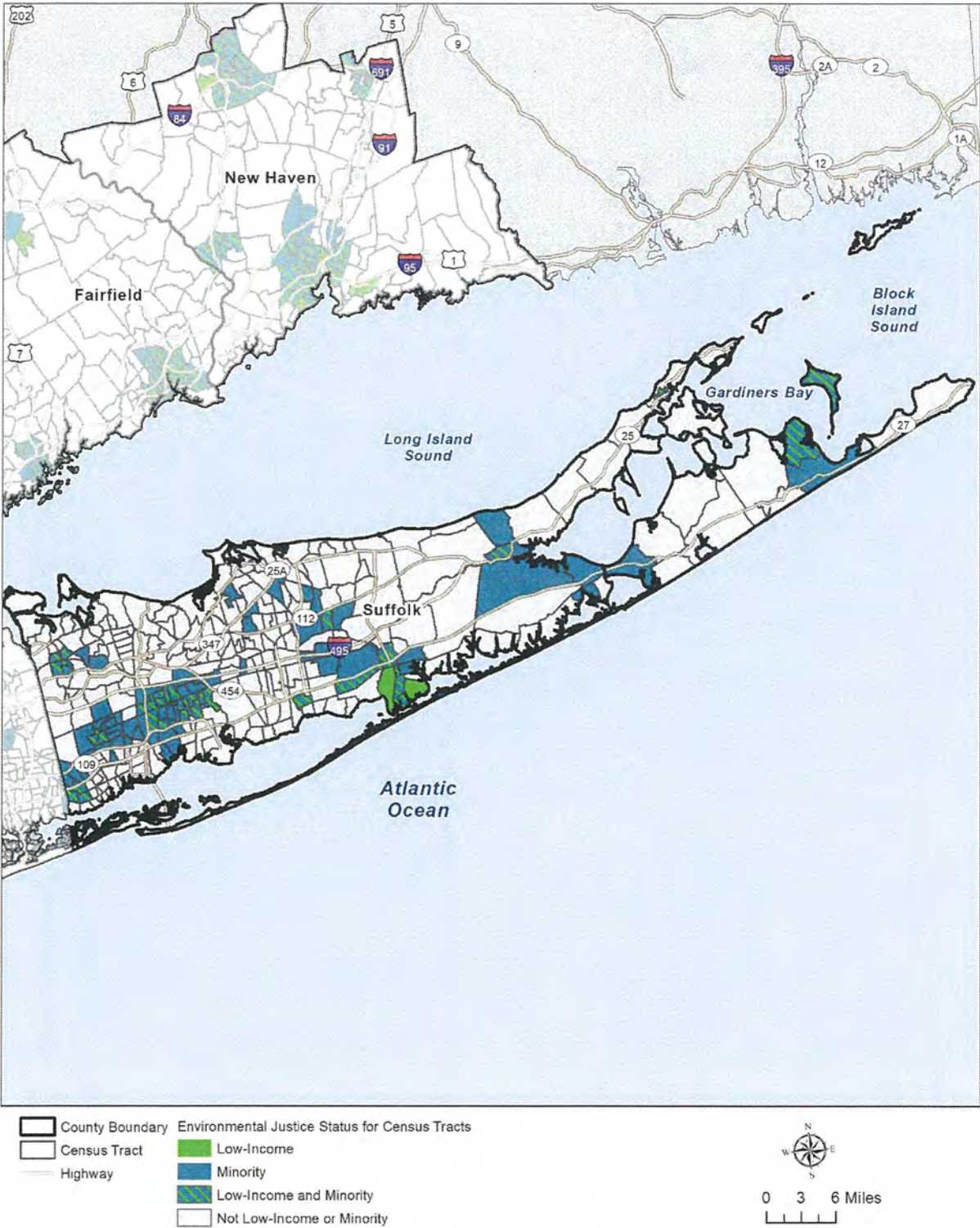


Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.

Note: Refer to Appendix 17C, Table 17C-24 (Dutchess County), Table 17C-26 (Putnam County), Table 17C-25 (Orange County), Table 17C-27 (Rockland County), and Table 17C-29 (Westchester County) for specific information pertaining to this figure.



Figure 17B-17. Long Island County: Suffolk County, NY



Source: U.S. Census Bureau American Community Survey 2015–2019 5-Year Estimates.  
Note: Refer to Appendix 17C, Table 17C-28 (Suffolk County) for specific information pertaining to this figure.



## 17C, Environmental Justice Profile of Study Areas: Tables

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- Local Study Area Neighborhoods
  - Central Business District, New York County (Manhattan), NY
  - Outside Central Business District, New York County (Manhattan), NY
  - Bronx County, NY
  - Kings County (Brooklyn), NY
  - Queens County, NY
  - Richmond County, NY
  - Nassau County, NY
  - Bergen County, NJ
  - Essex County, NJ
  - Hudson County, NJ
  - Union County, NJ
- Regional Study Area Neighborhoods Outside Local Study Area
  - Fairfield County, CT
  - New Haven County, CT
  - Hunterdon County, NJ
  - Mercer County, NJ
  - Middlesex County, NJ
  - Monmouth County, NJ
  - Morris County, NJ
  - Ocean County, NJ
  - Passaic County, NJ
  - Somerset County, NJ
  - Sussex County, NJ
  - Warren County, NJ
  - Dutchess County, NY
  - Orange County, NY
  - Putnam County, NY
  - Rockland County, NY
  - Suffolk County, NY
  - Westchester County, NY

*Central Business District (CBD) Tolling Program Environmental Assessment*

Appendix 17C, Environmental Justice: Environmental Justice Profile of Study Areas: Tables

## LOCAL STUDY AREA NEIGHBORHOODS



Table 17C-1

## Environmental Justice Populations: Central Business District, New York County (Manhattan), NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
New York County, New York, Central Business District										
Battery Park City-Lower Manhattan										
Census Tract 7	8,501	2,289	26.9%		No	8,501	963	11.3%		No
Census Tract 9	1,796	652	36.3%		No	1,796	174	9.7%		No
Census Tract 15.01	7,398	2,964	40.1%		No	6,906	1,299	18.8%		No
Census Tract 15.02	8,309	2,319	27.9%		No	7,800	1,016	13.0%		No
Census Tract 13	4,455	1,666	37.4%		No	4,455	300	6.7%		No
Census Tract 317.03	5,783	1,798	31.1%		No	5,783	437	7.6%		No
Census Tract 317.04	10,224	3,591	35.1%		No	10,224	783	7.7%		No
TOTAL Battery Park City-Lower Manhattan	46,466	15,279	32.9%	-	7	45,465	4,972	10.9%	-	7
Chinatown										
Census Tract 8	9,315	8,633	92.7%	Yes		9,315	5,506	59.1%	Yes	
Census Tract 16	6,968	5,804	83.3%	Yes		6,949	3,578	51.5%	Yes	
Census Tract 18	6,788	4,835	71.2%	Yes		6,420	2,882	44.9%	Yes	
Census Tract 25	5,483	5,389	98.3%	Yes		5,470	3,773	69.0%	Yes	
Census Tract 27	1,341	1,116	83.2%	Yes		1,337	545	40.8%	Yes	
Census Tract 29	5,924	5,010	84.6%	Yes		4,461	2,194	49.2%	Yes	
Census Tract 30.01	3,815	1,731	45.4%		No	3,813	858	22.5%		No
Census Tract 36.01	3,132	2,416	77.1%	Yes		3,132	1,272	40.6%	Yes	
TOTAL Chinatown	42,766	34,934	81.7%	7	1	40,897	20,608	50.4%	7	1
Clinton										
Census Tract 115	3,663	2,460	67.2%	Yes		3,663	1,021	27.9%	Yes	
Census Tract 121	7,763	3,134	40.4%		No	7,746	2,208	28.5%	Yes	
Census Tract 127	6,707	3,072	45.8%		No	6,707	1,670	24.9%		No
Census Tract 129	8,351	3,782	45.3%		No	8,351	2,290	27.4%	Yes	
Census Tract 133	6,228	3,634	58.3%	Yes		6,220	1,752	28.2%	Yes	
Census Tract 135	9,705	5,782	59.6%	Yes		9,610	3,564	37.1%	Yes	
Census Tract 139	10,524	4,170	39.6%		No	10,520	2,058	19.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Clinton</b>	<b>52,941</b>	<b>26,034</b>	<b>49.2%</b>	<b>3</b>	<b>4</b>	<b>52,817</b>	<b>14,563</b>	<b>27.6%</b>	<b>5</b>	<b>2</b>
<b>East Village</b>										
Census Tract 30.02	2,939	1,331	45.3%		No	2,939	1,079	36.7%	Yes	
Census Tract 32	7,814	2,196	28.1%		No	7,814	1,802	23.1%		No
Census Tract 34	6,569	2,675	40.7%		No	6,569	2,428	37.0%	Yes	
Census Tract 36.02	3,212	1,216	37.9%		No	2,903	995	34.3%	Yes	
Census Tract 38	8,927	3,602	40.3%		No	8,526	2,043	24.0%		No
Census Tract 40	8,105	2,510	31.0%		No	6,567	1,477	22.5%		No
Census Tract 42	5,384	2,181	40.5%		No	2,768	483	17.4%		No
<b>TOTAL East Village</b>	<b>42,950</b>	<b>15,711</b>	<b>36.6%</b>	<b>-</b>	<b>7</b>	<b>38,086</b>	<b>10,307</b>	<b>27.1%</b>	<b>3</b>	<b>4</b>
<b>Gramercy</b>										
Census Tract 48	6,230	1,758	28.2%		No	5,093	572	11.2%		No
Census Tract 50	4,748	1,105	23.3%		No	4,689	539	11.5%		No
Census Tract 64	7,643	2,090	27.3%		No	7,280	1,051	14.4%		No
Census Tract 68	7,876	3,083	39.1%		No	6,661	928	13.9%		No
<b>TOTAL Gramercy</b>	<b>26,497</b>	<b>8,036</b>	<b>30.3%</b>	<b>-</b>	<b>4</b>	<b>23,723</b>	<b>3,090</b>	<b>13.0%</b>	<b>-</b>	<b>4</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hudson Yards-Chelsea-Flatiron-Union Square										
Census Tract 52	3,321	934	28.1%		No	2,553	254	9.9%		No
Census Tract 54	4,768	1,143	24.0%		No	4,608	423	9.2%		No
Census Tract 81	7,481	2,175	29.1%		No	7,412	1,208	16.3%		No
Census Tract 83	3,686	2,004	54.4%	Yes		3,686	1,049	28.5%	Yes	
Census Tract 89	5,413	2,079	38.4%		No	4,988	943	18.9%		No
Census Tract 99	5,981	2,163	36.2%		No	5,965	1,123	18.8%		No
Census Tract 56	4,250	1,090	25.6%		No	4,245	960	22.6%		No
Census Tract 58	4,315	1,482	34.3%		No	4,295	338	7.9%		No
Census Tract 87	6,556	1,692	25.8%		No	6,556	576	8.8%		No
Census Tract 91	6,298	1,688	26.8%		No	6,298	1,119	17.8%		No
Census Tract 93	9,440	4,325	45.8%		No	9,417	2,452	26.0%		No
Census Tract 97	4,968	2,593	52.2%	Yes		4,945	1,473	29.8%	Yes	
Census Tract 103	2,065	813	39.4%		No	2,065	435	21.1%		No
Census Tract 111	4,757	2,323	48.8%		No	4,757	1,031	21.7%		No
Census Tract 117	4,191	1,939	46.3%		No	4,191	443	10.6%		No
TOTAL Hudson Yards-Chelsea-Flatiron-Union Square	77,490	28,443	36.7%	2	13	75,981	13,827	18.2%	2	13

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Lower East Side											
Census Tract 2.01	2,750	2,462	89.5%	Yes		2,750	1,860	67.6%	Yes		
Census Tract 2.02	7,773	6,230	80.1%	Yes		7,771	3,736	48.1%	Yes		
Census Tract 6	9,838	9,378	95.3%	Yes		9,692	6,978	72.0%	Yes		
Census Tract 10.01	1,546	471	30.5%		No	1,546	292	18.9%		No	
Census Tract 10.02	5,157	5,063	98.2%	Yes		5,148	3,350	65.1%	Yes		
Census Tract 12	4,168	2,112	50.7%	Yes		4,112	1,220	29.7%	Yes		
Census Tract 14.01	3,024	961	31.8%		No	2,997	394	13.1%		No	
Census Tract 14.02	2,941	2,116	71.9%	Yes		2,941	1,691	57.5%	Yes		
Census Tract 20	4,586	4,489	97.9%	Yes		4,586	3,594	78.4%	Yes		
Census Tract 22.01	6,565	5,180	78.9%	Yes		6,537	3,216	49.2%	Yes		
Census Tract 22.02	2,099	799	38.1%		No	2,099	666	31.7%	Yes		
Census Tract 24	4,192	4,149	99.0%	Yes		4,192	3,143	75.0%	Yes		
Census Tract 26.01	3,488	2,614	74.9%	Yes		3,465	1,777	51.3%	Yes		
Census Tract 26.02	3,946	1,634	41.4%		No	3,917	1,226	31.3%	Yes		
Census Tract 28	6,765	4,531	67.0%	Yes		6,742	2,951	43.8%	Yes		
TOTAL Lower East Side	68,838	52,189	75.8%	11	4	68,495	36,094	52.7%	13	2	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Midtown-Midtown South										
Census Tract 74	4,528	1,342	29.6%		No	3,932	338	8.6%		No
Census Tract 76	2,092	1,039	49.7%		No	2,092	417	19.9%		No
Census Tract 84	1,746	828	47.4%		No	1,746	420	24.1%		No
Census Tract 94	71	5	7.0%		No	71	5	7.0%		No
Census Tract 95	3,142	720	22.9%		No	2,198	240	10.9%		No
Census Tract 96	177	59	33.3%		No	177	8	4.5%		No
Census Tract 101	1,373	811	59.1%	Yes		1,373	365	26.6%		No
Census Tract 102	122	55	45.1%		No	122	43	35.2%	Yes	
Census Tract 104	811	300	37.0%		No	809	118	14.6%		No
Census Tract 109	172	57	33.1%		No	172	31	18.0%		No
Census Tract 112.01	843	199	23.6%		No	843	90	10.7%		No
Census Tract 112.02	415	74	17.8%		No	415	78	18.8%		No
Census Tract 113	98	83	84.7%	Yes		98	52	53.1%	Yes	
Census Tract 119	1,071	714	66.7%	Yes		1,071	760	71.0%	Yes	
Census Tract 125	2,311	1,073	46.4%		No	2,286	480	21.0%		No
Census Tract 131	2,788	1,163	41.7%		No	2,788	681	24.4%		No
Census Tract 137	5,994	1,754	29.3%		No	5,994	625	10.4%		No
TOTAL Midtown-Midtown South	27,754	10,276	37.0%	3	14	26,187	4,751	18.1%	3	14

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Murray Hill-Kips Bay										
Census Tract 62	4,444	2,570	57.8%	Yes		3,618	1,062	29.4%	Yes	
Census Tract 66	11,839	5,796	49.0%		No	11,525	2,693	23.4%		No
Census Tract 70	8,301	2,804	33.8%		No	8,139	1,013	12.4%		No
Census Tract 72	7,642	2,437	31.9%		No	7,410	1,347	18.2%		No
Census Tract 78	9,422	3,849	40.9%		No	9,422	1,401	14.9%		No
Census Tract 80	4,964	1,200	24.2%		No	4,861	469	9.6%		No
Census Tract 82	3,241	1,233	38.0%		No	3,241	316	9.8%		No
TOTAL Murray Hill-Kips Bay	49,853	19,889	39.9%	1	6	48,216	8,301	17.2%	1	6
SoHo-TriBeCa-Civic Center-Little Italy										
Census Tract 31	2,525	1,155	45.7%		No	1,418	257	18.1%		No
Census Tract 33	5,224	1,228	23.5%		No	5,224	281	5.4%		No
Census Tract 47	2,474	738	29.8%		No	2,450	265	10.8%		No
Census Tract 21	6,666	1,862	27.9%		No	6,598	329	5.0%		No
Census Tract 37	2,666	472	17.7%		No	2,632	343	13.0%		No
Census Tract 39	6,931	1,551	22.4%		No	6,909	597	8.6%		No
Census Tract 41	7,997	5,276	66.0%	Yes		7,621	2,233	29.3%	Yes	
Census Tract 43	3,968	1,798	45.3%		No	3,956	1,029	26.0%		No
Census Tract 45	980	354	36.1%		No	980	177	18.1%		No
Census Tract 49	4,404	956	21.7%		No	4,404	697	15.8%		No
TOTAL SoHo-TriBeCa-Civic Center-Little Italy	43,835	15,390	35.1%	1	9	42,192	6,208	14.7%	1	9
Stuyvesant Town-Cooper Village										
Census Tract 44	16,594	4,507	27.2%		No	16,594	2,245	13.5%		No
Census Tract 60	5,741	1,708	29.8%		No	5,741	656	11.4%		No
TOTAL Stuyvesant Town-Cooper Village	22,335	6,215	27.8%	-	2	22,335	2,901	13.0%	-	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Turtle Bay-East Midtown										
Census Tract 86.01	2,915	942	32.3%		No	2,915	166	5.7%		No
Census Tract 86.02	-	-	0.0%		No	-	-	0.0%		No
Census Tract 86.03	4,400	1,080	24.5%		No	4,400	364	8.3%		No
Census Tract 88	7,416	2,548	34.4%		No	7,416	764	10.3%		No
Census Tract 90	7,633	2,486	32.6%		No	7,633	944	12.4%		No
Census Tract 92	1,474	488	33.1%		No	1,474	140	9.5%		No
Census Tract 98	7,302	1,792	24.5%		No	7,302	974	13.3%		No
Census Tract 100	1,741	591	33.9%		No	1,741	241	13.8%		No
Census Tract 106.01	7,091	959	13.5%		No	7,091	487	6.9%		No
Census Tract 108	9,046	1,733	19.2%		No	8,535	465	5.4%		No
Census Tract 112.03	1,103	317	28.7%		No	1,103	136	12.3%		No
TOTAL Turtle Bay-East Midtown	50,121	12,936	25.8%	-	11	49,610	4,681	9.4%	-	11
West Village										
Census Tract 67	5,431	899	16.6%		No	5,431	469	8.6%		No
Census Tract 73	5,759	723	12.6%		No	5,759	587	10.2%		No
Census Tract 77	5,971	1,070	17.9%		No	5,971	868	14.5%		No
Census Tract 69	2,485	552	22.2%		No	2,159	164	7.6%		No
Census Tract 75	3,603	821	22.8%		No	3,603	302	8.4%		No
Census Tract 79	4,425	701	15.8%		No	4,425	711	16.1%		No
Census Tract 55.01	4,727	1,624	34.4%		No	4,223	604	14.3%		No
Census Tract 55.02	1,825	322	17.6%		No	1,825	366	20.1%		No
Census Tract 57	2,756	382	13.9%		No	2,756	112	4.1%		No
Census Tract 59	5,404	1,099	20.3%		No	4,578	419	9.2%		No
Census Tract 61	4,747	1,567	33.0%		No	3,429	197	5.7%		No
Census Tract 63	6,393	1,034	16.2%		No	6,189	735	11.9%		No
Census Tract 65	6,337	1,498	23.6%		No	5,369	976	18.2%		No
Census Tract 71	5,530	976	17.6%		No	5,315	619	11.6%		No
TOTAL West Village	65,393	13,268	20.3%	-	-	61,032	7,129	-	-	-
TOTAL New York County, New York, Central Business District	617,239	258,600	41.9%	28	96	595,036	137,432	23.1%	35	89



Table 17C-2

## Environmental Justice Populations: Outside Central Business District, New York County (Manhattan), NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
New York County, New York, outside Central Business District										
Central Harlem North-Polo Grounds										
Census Tract 206	3,432	2,911	84.8%	Yes		3,377	1,607	47.6%	Yes	
Census Tract 208	5,432	4,671	86.0%	Yes		5,429	1,427	26.3%		No
Census Tract 212	4,112	3,738	90.9%	Yes		3,884	1,332	34.3%	Yes	
Census Tract 214	3,373	3,087	91.5%	Yes		3,373	871	25.8%		No
Census Tract 215	4,396	3,982	90.6%	Yes		4,387	2,091	47.7%	Yes	
Census Tract 221.02	2,605	2,053	78.8%	Yes		2,605	462	17.7%		No
Census Tract 224	7,586	6,657	87.8%	Yes		7,542	4,310	57.1%	Yes	
Census Tract 226	4,954	4,099	82.7%	Yes		4,885	1,705	34.9%	Yes	
Census Tract 228	6,162	5,240	85.0%	Yes		6,147	2,404	39.1%	Yes	
Census Tract 230	8,717	7,983	91.6%	Yes		8,673	4,112	47.4%	Yes	
Census Tract 232	9,069	8,388	92.5%	Yes		9,063	5,139	56.7%	Yes	
Census Tract 234	5,072	4,538	89.5%	Yes		5,072	2,401	47.3%	Yes	
Census Tract 235.02	1,986	1,740	87.6%	Yes		1,986	875	44.1%	Yes	
Census Tract 236	7,761	7,605	98.0%	Yes		7,761	3,620	46.6%	Yes	
Census Tract 243.02	7,756	7,726	99.6%	Yes		7,750	5,433	70.1%	Yes	
Census Tract 259	3,731	3,103	83.2%	Yes		3,731	1,315	35.2%	Yes	
TOTAL Central Harlem North-Polo Grounds	86,144	77,521	90.0%	16	-	85,665	39,104	45.6%	13	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Central Harlem South										
Census Tract 186	6,909	6,461	93.5%	Yes		6,638	3,916	59.0%	Yes	
Census Tract 190	3,734	3,044	81.5%	Yes		3,651	1,396	38.2%	Yes	
Census Tract 200	3,606	2,893	80.2%	Yes		3,606	737	20.4%		No
Census Tract 218	6,236	4,956	79.5%	Yes		6,175	2,786	45.1%	Yes	
Census Tract 220	6,078	4,731	77.8%	Yes		6,078	1,679	27.6%	Yes	
Census Tract 222	3,369	2,285	67.8%	Yes		3,324	1,492	44.9%	Yes	
Census Tract 197.02	2,478	1,838	74.2%	Yes		2,478	837	33.8%	Yes	
Census Tract 201.02	4,137	3,002	72.6%	Yes		4,137	1,267	30.6%	Yes	
Census Tract 216	8,773	6,601	75.2%	Yes		8,773	2,733	31.2%	Yes	
Census Tract 257	4,625	3,022	65.3%	Yes		4,615	988	21.4%		No
TOTAL Central Harlem South	49,945	38,833	77.8%	10	-	49,475	17,831	36.0%	8	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
East Harlem North											
Census Tract 178	3,987	3,328	83.5%	Yes		3,968	1,858	46.8%	Yes		
Census Tract 180	7,422	6,744	90.9%	Yes		7,422	4,692	63.2%	Yes		
Census Tract 182	7,902	7,374	93.3%	Yes		7,902	5,464	69.1%	Yes		
Census Tract 184	7,116	6,291	88.4%	Yes		7,002	4,238	60.5%	Yes		
Census Tract 188	5,437	4,611	84.8%	Yes		5,416	2,820	52.1%	Yes		
Census Tract 192	3,802	3,657	96.2%	Yes		3,802	2,825	74.3%	Yes		
Census Tract 194	6,166	5,784	93.8%	Yes		6,094	4,034	66.2%	Yes		
Census Tract 196	4,310	3,963	91.9%	Yes		4,012	2,534	63.2%	Yes		
Census Tract 198	2,645	2,123	80.3%	Yes		2,597	826	31.8%	Yes		
Census Tract 210	7,540	7,489	99.3%	Yes		7,540	4,483	59.5%	Yes		
Census Tract 242	5,003	4,773	95.4%	Yes		4,965	3,054	61.5%	Yes		
Census Tract 156.02	2,433	1,941	79.8%	Yes		2,356	846	35.9%	Yes		
Census Tract 158.02	4,353	2,112	48.5%		No	3,262	578	17.7%		No	
Census Tract 162	9,412	8,717	92.6%	Yes		9,396	5,169	55.0%	Yes		
Census Tract 164	7,474	6,645	88.9%	Yes		7,474	4,668	62.5%	Yes		
Census Tract 166	6,377	4,806	75.4%	Yes		6,233	3,410	54.7%	Yes		
Census Tract 168	5,115	4,304	84.1%	Yes		4,527	2,857	63.1%	Yes		
Census Tract 170	7,829	7,018	89.6%	Yes		7,801	2,998	38.4%	Yes		
Census Tract 160.02	3,421	1,172	34.3%		No	2,816	230	8.2%		No	
Census Tract 172	5,130	4,462	87.0%	Yes		5,130	2,943	57.4%	Yes		
Census Tract 174.01	4,634	4,096	88.4%	Yes		4,511	3,237	71.8%	Yes		
Census Tract 174.02	2,375	1,987	83.7%	Yes		2,365	1,004	42.5%	Yes		
TOTAL East Harlem South	119,883	103,397	86.2%	20	2	116,591	64,768	55.6%	20	2	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hamilton Heights										
Census Tract 227	5,218	4,130	79.1%	Yes		5,216	2,136	41.0%	Yes	
Census Tract 229	9,205	7,390	80.3%	Yes		9,205	4,561	49.5%	Yes	
Census Tract 231	6,807	5,777	84.9%	Yes		6,742	2,569	38.1%	Yes	
Census Tract 233	7,220	5,550	76.9%	Yes		7,157	3,197	44.7%	Yes	
Census Tract 235.01	7,044	5,727	81.3%	Yes		7,038	2,949	41.9%	Yes	
Census Tract 237	6,682	5,436	81.4%	Yes		6,675	3,550	53.2%	Yes	
Census Tract 225	10,334	8,368	81.0%	Yes		10,322	4,464	43.2%	Yes	
TOTAL Hamilton Heights	52,510	42,378	80.7%	7	-	52,355	23,426	44.7%	7	-
Lenox Hill-Roosevelt Island										
Census Tract 132	10,999	4,874	44.3%		No	10,999	809	7.4%		No
Census Tract 238.02	6,086	3,819	62.8%	Yes		4,648	695	15.0%		No
Census Tract 106.02	4,859	1,310	27.0%		No	4,853	421	8.7%		No
Census Tract 110	7,499	2,367	31.6%		No	7,498	780	10.4%		No
Census Tract 116	3,540	1,033	29.2%		No	3,419	139	4.1%		No
Census Tract 118	8,986	1,791	19.9%		No	8,964	1,092	12.2%		No
Census Tract 124	9,782	2,380	24.3%		No	9,277	807	8.7%		No
Census Tract 126	12,620	2,135	16.9%		No	12,619	1,260	10.0%		No
Census Tract 134	11,360	2,059	18.1%		No	11,360	1,615	14.2%		No
Census Tract 238.01	6,354	3,948	62.1%	Yes		6,244	813	13.0%		No
TOTAL Lenox Hill-Roosevelt Island	82,085	25,716	31.3%	2	8	79,881	8,431	10.6%	-	10
Lincoln Square										
Census Tract 145	6,153	2,314	37.6%		No	5,299	870	16.4%		No
Census Tract 147	3,475	1,656	47.7%		No	3,465	215	6.2%		No
Census Tract 149	4,992	1,197	24.0%		No	4,649	707	15.2%		No
Census Tract 151	10,143	6,636	65.4%	Yes		10,143	3,776	37.2%	Yes	
Census Tract 153	9,764	2,022	20.7%		No	9,764	574	5.9%		No
Census Tract 155	10,290	2,107	20.5%		No	10,290	999	9.7%		No
Census Tract 157	9,586	2,068	21.6%		No	9,189	1,151	12.5%		No
Census Tract 159	9,517	2,299	24.2%		No	9,517	1,366	14.4%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Lincoln Square</b>	<b>63,920</b>	<b>20,299</b>	<b>31.8%</b>	<b>1</b>	<b>7</b>	<b>62,316</b>	<b>9,658</b>	<b>15.5%</b>	<b>1</b>	<b>7</b>
<b>Manhattanville</b>										
Census Tract 213.03	6,283	5,322	84.7%	Yes		6,251	3,270	52.3%	Yes	
Census Tract 217.03	11	6	54.5%	Yes		11	-	0.0%		No
Census Tract 219	6,008	5,575	92.8%	Yes		5,971	4,377	73.3%	Yes	
Census Tract 223.01	8,292	6,880	83.0%	Yes		8,276	3,540	42.8%	Yes	
Census Tract 223.02	3,175	2,919	91.9%	Yes		3,168	1,829	57.7%	Yes	
<b>TOTAL Manhattanville</b>	<b>23,769</b>	<b>20,702</b>	<b>87.1%</b>	<b>5</b>	<b>-</b>	<b>23,677</b>	<b>13,016</b>	<b>55.0%</b>	<b>4</b>	<b>1</b>
<b>Marble Hill-Inwood</b>										
Census Tract 291	12,165	11,396	93.7%	Yes		12,040	5,484	45.5%	Yes	
Census Tract 293	9,397	8,742	93.0%	Yes		9,397	4,785	50.9%	Yes	
Census Tract 295	8,182	5,334	65.2%	Yes		8,158	2,685	32.9%	Yes	
Census Tract 299	3,737	3,637	97.3%	Yes		3,737	2,469	66.1%	Yes	
Census Tract 303	4,535	2,911	64.2%	Yes		4,535	1,542	34.0%	Yes	
Census Tract 307	3,920	1,804	46.0%		No	3,892	894	23.0%		No
Census Tract 309	10,593	10,078	95.1%	Yes		10,578	5,550	52.5%	Yes	
<b>TOTAL Marble Hill-Inwood</b>	<b>52,529</b>	<b>43,902</b>	<b>83.6%</b>	<b>6</b>	<b>1</b>	<b>52,337</b>	<b>23,409</b>	<b>44.7%</b>	<b>6</b>	<b>1</b>
<b>Morningside Heights</b>										
Census Tract 193	10,255	6,770	66.0%	Yes		10,097	4,278	42.4%	Yes	
Census Tract 195	7,167	3,138	43.8%		No	7,008	1,643	23.4%		No
Census Tract 197.01	639	398	62.3%	Yes		634	287	45.3%	Yes	
Census Tract 199	8,786	3,452	39.3%		No	6,568	1,584	24.1%		No
Census Tract 201.01	1,854	744	40.1%		No	697	127	18.2%		No
Census Tract 203	3,607	1,898	52.6%	Yes		843	432	51.2%	Yes	
Census Tract 205	5,117	1,861	36.4%		No	2,516	336	13.4%		No
Census Tract 207.01	3,041	1,672	55.0%	Yes		2,390	947	39.6%	Yes	
Census Tract 209.01	3,511	3,293	93.8%	Yes		3,511	1,742	49.6%	Yes	
Census Tract 211	10,824	6,804	62.9%	Yes		10,114	4,251	42.0%	Yes	
<b>TOTAL Morningside Heights</b>	<b>54,801</b>	<b>30,030</b>	<b>54.8%</b>	<b>6</b>	<b>4</b>	<b>44,378</b>	<b>15,627</b>	<b>35.2%</b>	<b>6</b>	<b>4</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
park-cemetery-etc-Manhattan										
Census Tract 5	-	-	0.0%		No	-	-	0.0%		No
Census Tract 319	-	-	0.0%		No	-	-	0.0%		No
Census Tract 240	2,009	1,633	81.3%	Yes		1,447	1,430	98.8%	Yes	
Census Tract 143	2	2	100.0%	Yes		2	2	100.0%	Yes	
Census Tract 297	22	18	81.8%	Yes		-	-	0.0%		No
Census Tract 311	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1	-	-	0.0%		No	-	-	0.0%		No
TOTAL park-cemetery-etc-Manhattan	2,033	1,653	81.3%	3	4	1,449	1,432	98.8%	2	5
Upper East Side-Carnegie Hill										
Census Tract 158.01	5,099	1,021	20.0%		No	4,850	226	4.7%		No
Census Tract 114.01	1,173	177	15.1%		No	1,169	116	9.9%		No
Census Tract 114.02	1,880	392	20.9%		No	1,880	166	8.8%		No
Census Tract 120	3,144	489	15.6%		No	3,144	295	9.4%		No
Census Tract 122	2,473	260	10.5%		No	2,473	148	6.0%		No
Census Tract 128	5,384	856	15.9%		No	5,378	518	9.6%		No
Census Tract 130	3,314	420	12.7%		No	3,314	142	4.3%		No
Census Tract 140	7,194	962	13.4%		No	7,184	695	9.7%		No
Census Tract 142	5,110	696	13.6%		No	5,110	255	5.0%		No
Census Tract 148.01	2,810	567	20.2%		No	2,810	192	6.8%		No
Census Tract 148.02	6,504	1,767	27.2%		No	6,504	691	10.6%		No
Census Tract 150.01	2,285	344	15.1%		No	2,285	153	6.7%		No
Census Tract 150.02	4,578	723	15.8%		No	4,578	321	7.0%		No
Census Tract 160.01	3,465	624	18.0%		No	3,465	227	6.6%		No
TOTAL Upper East Side-Carnegie Hill	54,413	9,298	17.1%	-	14	54,144	4,145	7.7%	-	14

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Upper West Side										
Census Tract 161	6,281	1,615	25.7%		No	6,281	884	14.1%		No
Census Tract 163	7,267	1,008	13.9%		No	7,257	838	11.5%		No
Census Tract 165	6,512	1,282	19.7%		No	6,512	711	10.9%		No
Census Tract 167	6,189	1,541	24.9%		No	6,189	746	12.1%		No
Census Tract 169	8,375	1,967	23.5%		No	8,299	1,045	12.6%		No
Census Tract 171	8,694	1,365	15.7%		No	8,581	1,203	14.0%		No
Census Tract 173	7,580	2,262	29.8%		No	7,580	996	13.1%		No
Census Tract 175	10,558	2,168	20.5%		No	10,044	1,291	12.9%		No
Census Tract 177	9,265	4,740	51.2%	Yes		9,265	2,780	30.0%	Yes	
Census Tract 179	8,267	2,965	35.9%		No	8,267	1,791	21.7%		No
Census Tract 181	8,496	3,189	37.5%		No	8,496	1,434	16.9%		No
Census Tract 183	7,827	1,950	24.9%		No	7,816	1,128	14.4%		No
Census Tract 185	4,893	1,461	29.9%		No	4,893	560	11.4%		No
Census Tract 187	8,608	2,622	30.5%		No	8,592	1,154	13.4%		No
Census Tract 189	11,654	8,905	76.4%	Yes		11,132	5,848	52.5%	Yes	
Census Tract 191	9,757	4,171	42.7%		No	9,725	2,129	21.9%		No
TOTAL Upper West Side	130,223	43,211	33.2%	2	14	128,929	24,538	19.0%	2	14
Washington Heights North										
Census Tract 267	1,994	908	45.5%		No	1,495	679	45.4%	Yes	
Census Tract 269	8,986	8,276	92.1%	Yes		8,809	4,361	49.5%	Yes	
Census Tract 271	8,806	5,836	66.3%	Yes		8,777	3,427	39.0%	Yes	
Census Tract 273	6,925	2,477	35.8%		No	6,925	1,174	17.0%		No
Census Tract 275	3,370	1,041	30.9%		No	3,346	388	11.6%		No
Census Tract 277	6,538	5,541	84.8%	Yes		5,406	3,736	69.1%	Yes	
Census Tract 279	12,053	9,878	82.0%	Yes		12,003	5,912	49.3%	Yes	
Census Tract 281	3,416	1,062	31.1%		No	3,218	365	11.3%		No
Census Tract 283	7,949	6,412	80.7%	Yes		7,802	2,848	36.5%	Yes	
Census Tract 285	7,907	7,220	91.3%	Yes		7,884	3,406	43.2%	Yes	
Census Tract 287	4,231	2,871	67.9%	Yes		4,231	1,620	38.3%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Washington Heights North</b>	<b>72,175</b>	<b>51,522</b>	<b>71.4%</b>	<b>7</b>	<b>4</b>	<b>69,896</b>	<b>27,916</b>	<b>39.9%</b>	<b>8</b>	<b>3</b>
<b>Washington Heights South</b>										
Census Tract 239	2,781	2,391	86.0%	Yes		2,781	1,322	47.5%	Yes	
Census Tract 241	8,680	7,063	81.4%	Yes		8,680	2,918	33.6%	Yes	
Census Tract 243.01	4,658	4,146	89.0%	Yes		4,517	2,149	47.6%	Yes	
Census Tract 245	14,717	13,453	91.4%	Yes		14,611	6,310	43.2%	Yes	
Census Tract 247	7,303	5,958	81.6%	Yes		7,303	2,457	33.6%	Yes	
Census Tract 249	1,047	894	85.4%	Yes		1,028	419	40.8%	Yes	
Census Tract 251	2,835	2,530	89.2%	Yes		2,730	1,631	59.7%	Yes	
Census Tract 253	13,572	11,828	87.2%	Yes		13,430	6,198	46.2%	Yes	
Census Tract 255	5,999	4,397	73.3%	Yes		5,354	1,785	33.3%	Yes	
Census Tract 261	13,145	12,690	96.5%	Yes		13,068	5,936	45.4%	Yes	
Census Tract 263	9,177	8,253	89.9%	Yes		9,177	4,786	52.2%	Yes	
Census Tract 265	7,951	5,441	68.4%	Yes		7,940	2,052	25.8%		No
<b>TOTAL Washington Heights South</b>	<b>91,865</b>	<b>79,044</b>	<b>86.0%</b>	<b>12</b>	<b>-</b>	<b>90,619</b>	<b>37,963</b>	<b>41.9%</b>	<b>11</b>	<b>1</b>
<b>Yorkville</b>										
Census Tract 136	15,487	2,859	18.5%		No	15,487	1,424	9.2%		No
Census Tract 144.01	4,720	868	18.4%		No	4,720	315	6.7%		No
Census Tract 144.02	6,946	1,213	17.5%		No	6,946	573	8.2%		No
Census Tract 146.01	4,182	1,425	34.1%		No	4,180	299	7.2%		No
Census Tract 146.02	7,831	1,391	17.8%		No	7,831	813	10.4%		No
Census Tract 152	7,816	3,808	48.7%		No	7,816	2,028	25.9%		No
Census Tract 154	14,134	4,152	29.4%		No	14,134	2,147	15.2%		No
Census Tract 156.01	5,130	1,937	37.8%		No	5,117	661	12.9%		No
Census Tract 138	12,213	2,607	21.3%		No	11,714	1,008	8.6%		No
<b>TOTAL Yorkville</b>	<b>78,459</b>	<b>20,260</b>	<b>25.8%</b>	<b>-</b>	<b>9</b>	<b>77,945</b>	<b>9,268</b>	<b>11.9%</b>	<b>-</b>	<b>9</b>
<b>TOTAL New York County, outside Central Business District</b>	<b>1,014,754</b>	<b>607,766</b>	<b>59.9%</b>	<b>97</b>	<b>67</b>	<b>989,657</b>	<b>320,532</b>	<b>32.4%</b>	<b>88</b>	<b>76</b>



Table 17C-3

## Environmental Justice Populations: Bronx County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bronx County, New York										
Allerton-Pelham Gardens										
Census Tract 312	1,678	1,115	66.4%	Yes		1,677	210	12.5%		No
Census Tract 360	3,271	2,883	88.1%	Yes		3,075	779	25.3%		No
Census Tract 314	2,079	1,341	64.5%	Yes		1,892	301	15.9%		No
Census Tract 316	1,900	1,222	64.3%	Yes		1,900	373	19.6%		No
Census Tract 318	2,179	1,549	71.1%	Yes		2,008	546	27.2%	Yes	
Census Tract 326	3,407	2,098	61.6%	Yes		3,212	665	20.7%		No
Census Tract 342	1,888	1,725	91.4%	Yes		1,888	632	33.5%	Yes	
Census Tract 344	2,172	2,110	97.1%	Yes		2,164	763	35.3%	Yes	
Census Tract 348	5,707	5,554	97.3%	Yes		5,693	2,042	35.9%	Yes	
Census Tract 350	2,063	1,946	94.3%	Yes		2,051	525	25.6%		No
Census Tract 310	4,753	3,385	71.2%	Yes		3,876	674	17.4%		No
TOTAL Allerton-Pelham Gardens	31,097	24,928	80.2%	11	-	29,436	7,510	25.5%	4	7
Bedford Park-Fordham North										
Census Tract 237.02	1,180	1,169	99.1%	Yes		1,180	669	56.7%	Yes	
Census Tract 399.01	5,618	5,457	97.1%	Yes		5,564	3,962	71.2%	Yes	
Census Tract 399.02	5,646	5,432	96.2%	Yes		5,646	3,788	67.1%	Yes	
Census Tract 401	4,478	4,390	98.0%	Yes		4,467	3,012	67.4%	Yes	
Census Tract 403.02	4,192	4,115	98.2%	Yes		4,181	2,442	58.4%	Yes	
Census Tract 405.01	4,399	4,311	98.0%	Yes		4,368	2,663	61.0%	Yes	
Census Tract 405.02	7,264	7,177	98.8%	Yes		7,250	4,372	60.3%	Yes	
Census Tract 407.02	7,023	6,672	95.0%	Yes		7,016	3,625	51.7%	Yes	
Census Tract 411	3,510	3,173	90.4%	Yes		3,483	1,734	49.8%	Yes	
Census Tract 413	8,677	8,020	92.4%	Yes		8,574	3,509	40.9%	Yes	
Census Tract 415	6,367	5,869	92.2%	Yes		6,308	3,361	53.3%	Yes	
TOTAL Bedford Park-Fordham North	58,354	55,785	95.6%	11	-	58,037	33,137	57.1%	11	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Belmont										
Census Tract 387	3,823	3,242	84.8%	Yes		3,798	2,545	67.0%	Yes	
Census Tract 389	5,521	4,239	76.8%	Yes		5,431	3,547	65.3%	Yes	
Census Tract 391	7,544	7,007	92.9%	Yes		7,544	5,294	70.2%	Yes	
Census Tract 393	8,330	8,029	96.4%	Yes		8,316	5,534	66.5%	Yes	
Census Tract 397	3,744	1,617	43.2%		No	1,109	501	45.2%	Yes	
TOTAL Belmont	28,962	24,134	83.3%	4	1	26,198	17,421	66.5%	5	-
Bronxdale										
Census Tract 324	3,177	2,815	88.6%	Yes		3,098	2,208	71.3%	Yes	
Census Tract 328	3,839	3,323	86.6%	Yes		3,838	2,341	61.0%	Yes	
Census Tract 330	5,776	3,270	56.6%	Yes		5,742	2,922	50.9%	Yes	
Census Tract 332.01	5,564	4,727	85.0%	Yes		5,544	2,583	46.6%	Yes	
Census Tract 332.02	4,033	3,526	87.4%	Yes		3,588	1,345	37.5%	Yes	
Census Tract 336	6,714	6,499	96.8%	Yes		6,694	3,225	48.2%	Yes	
Census Tract 338	4,105	3,871	94.3%	Yes		4,088	1,572	38.5%	Yes	
Census Tract 340	5,606	5,301	94.6%	Yes		5,563	2,872	51.6%	Yes	
TOTAL Bronxdale	38,814	33,332	85.9%	8	-	38,155	19,068	50.0%	8	-
Claremont-Bathgate										
Census Tract 145	7,436	7,203	96.9%	Yes		7,173	5,566	77.6%	Yes	
Census Tract 147.01	7,003	6,949	99.2%	Yes		6,866	5,829	84.9%	Yes	
Census Tract 147.02	5,435	5,371	98.8%	Yes		5,435	3,539	65.1%	Yes	
Census Tract 165	965	965	100.0%	Yes		965	661	68.5%	Yes	
Census Tract 167	3,695	3,663	99.1%	Yes		3,491	2,342	67.1%	Yes	
Census Tract 169	1,633	1,628	99.7%	Yes		1,572	952	60.6%	Yes	
Census Tract 385	4,766	4,738	99.4%	Yes		4,760	3,439	72.2%	Yes	
Census Tract 395	4,257	4,226	99.3%	Yes		4,211	2,591	61.5%	Yes	
TOTAL Claremont-Bathgate	35,190	34,743	98.7%	8	-	34,473	24,919	72.3%	8	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Co-op City										
Census Tract 302	8,704	8,262	94.9%	Yes		8,702	2,351	27.0%	Yes	
Census Tract 462.01	28,109	26,126	92.9%	Yes		26,914	6,894	25.6%		No
Census Tract 462.02	9,912	9,798	98.8%	Yes		9,124	3,890	42.6%	Yes	
TOTAL Co-op City	46,725	44,186	94.6%	3	-	44,740	13,135	29.4%	2	1
Crotona Park East										
Census Tract 60	1,386	1,377	99.4%	Yes		1,386	845	61.0%	Yes	
Census Tract 123	4,268	4,217	98.8%	Yes		4,237	2,237	52.8%	Yes	
Census Tract 153	4,474	4,460	99.7%	Yes		4,425	2,771	62.6%	Yes	
Census Tract 155	2,927	2,927	100.0%	Yes		2,927	2,198	75.1%	Yes	
Census Tract 157	4,704	4,650	98.9%	Yes		4,682	2,871	61.3%	Yes	
Census Tract 161	4,650	4,623	99.4%	Yes		4,650	3,375	72.6%	Yes	
TOTAL Crotona Park East	22,409	22,254	99.3%	6	-	22,307	14,297	64.1%	6	-
East Concourse-Concourse Village										
Census Tract 59.02	2,751	2,618	95.2%	Yes		2,751	1,684	61.2%	Yes	
Census Tract 61	3,720	3,607	97.0%	Yes		3,720	1,060	28.5%	Yes	
Census Tract 183.01	4,320	4,073	94.3%	Yes		4,320	1,770	41.0%	Yes	
Census Tract 177.02	5,423	5,315	98.0%	Yes		5,423	3,180	58.6%	Yes	
Census Tract 143	1,482	1,469	99.1%	Yes		1,464	1,207	82.4%	Yes	
Census Tract 173	5,746	5,583	97.2%	Yes		5,733	3,732	65.1%	Yes	
Census Tract 175	6,536	6,351	97.2%	Yes		6,433	4,166	64.8%	Yes	
Census Tract 177.01	4,650	4,588	98.7%	Yes		4,236	2,436	57.5%	Yes	
Census Tract 179.01	4,831	4,770	98.7%	Yes		4,831	2,827	58.5%	Yes	
Census Tract 179.02	4,032	4,014	99.6%	Yes		4,032	2,091	51.9%	Yes	
Census Tract 181.01	3,351	3,340	99.7%	Yes		3,350	1,832	54.7%	Yes	
Census Tract 181.02	5,294	5,199	98.2%	Yes		5,061	3,382	66.8%	Yes	
Census Tract 183.02	3,824	3,723	97.4%	Yes		3,824	2,038	53.3%	Yes	
Census Tract 225	8,499	8,187	96.3%	Yes		8,153	5,191	63.7%	Yes	
TOTAL East Concourse-Concourse Village	64,459	62,837	97.5%	14	-	63,331	36,596	57.8%	14	-



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
East Tremont											
Census Tract 359	2,053	2,042	99.5%	Yes		2,040	1,370	67.2%	Yes		
Census Tract 361	5,576	5,551	99.6%	Yes		5,553	3,865	69.6%	Yes		
Census Tract 365.02	2,620	2,586	98.7%	Yes		2,581	1,450	56.2%	Yes		
Census Tract 367	2,395	2,350	98.1%	Yes		2,179	1,373	63.0%	Yes		
Census Tract 369.02	2,074	2,038	98.3%	Yes		2,074	1,433	69.1%	Yes		
Census Tract 363	7,517	7,294	97.0%	Yes		7,478	5,001	66.9%	Yes		
Census Tract 365.01	3,901	3,889	99.7%	Yes		3,887	2,311	59.5%	Yes		
Census Tract 369.01	2,101	2,098	99.9%	Yes		2,089	1,490	71.3%	Yes		
Census Tract 371	4,226	4,172	98.7%	Yes		4,220	2,685	63.6%	Yes		
Census Tract 373	6,373	6,321	99.2%	Yes		6,339	3,493	55.1%	Yes		
Census Tract 375.04	3,323	3,232	97.3%	Yes		3,103	2,361	76.1%	Yes		
Census Tract 220	2,007	1,977	98.5%	Yes		1,894	1,236	65.3%	Yes		
TOTAL East Tremont	44,166	43,550	98.6%	12	-	43,437	28,068	64.6%	12	-	
Eastchester-Edenwald-Baychester											
Census Tract 356	2,254	2,221	98.5%	Yes		2,229	559	25.1%		No	
Census Tract 358	8,172	7,766	95.0%	Yes		8,053	1,850	23.0%		No	
Census Tract 460	3,246	3,135	96.6%	Yes		3,006	1,246	41.5%	Yes		
Census Tract 364	2,565	2,564	100.0%	Yes		2,565	766	29.9%	Yes		
Census Tract 386	8,889	8,886	100.0%	Yes		8,872	3,953	44.6%	Yes		
Census Tract 458	5,744	5,720	99.6%	Yes		5,644	4,541	80.5%	Yes		
Census Tract 456	3,220	2,773	86.1%	Yes		3,195	776	24.3%		No	
Census Tract 484	4,277	4,175	97.6%	Yes		4,203	819	19.5%		No	
TOTAL Eastchester-Edenwald-Baychester	38,367	37,240	97.1%	8	-	37,767	14,510	38.4%	4	4	
Fordham South											
Census Tract 237.03	5,574	5,503	98.7%	Yes		5,448	3,109	57.1%	Yes		
Census Tract 237.04	3,803	3,789	99.6%	Yes		3,802	3,295	86.7%	Yes		
Census Tract 239	7,873	7,873	100.0%	Yes		7,836	4,951	63.2%	Yes		
Census Tract 383.01	5,084	5,013	98.6%	Yes		5,057	2,885	57.0%	Yes		
Census Tract 383.02	6,032	5,999	99.5%	Yes		6,008	4,696	78.2%	Yes		

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Fordham South</b>	<b>28,366</b>	<b>28,177</b>	<b>99.3%</b>	<b>5</b>	<b>-</b>	<b>28,151</b>	<b>18,936</b>	<b>67.3%</b>	<b>5</b>	<b>-</b>
<b>Highbridge</b>										
Census Tract 189	8,210	7,870	95.9%	Yes		8,066	5,177	64.2%	Yes	
Census Tract 193	6,350	6,329	99.7%	Yes		6,350	4,767	75.1%	Yes	
Census Tract 199	8,338	8,195	98.3%	Yes		8,338	4,183	50.2%	Yes	
Census Tract 201	3,993	3,861	96.7%	Yes		3,943	2,528	64.1%	Yes	
Census Tract 211	5,343	5,303	99.3%	Yes		5,299	3,437	64.9%	Yes	
Census Tract 213.02	5,513	5,495	99.7%	Yes		5,513	3,442	62.4%	Yes	
Census Tract 219	882	849	96.3%	Yes		872	424	48.6%	Yes	
<b>TOTAL Highbridge</b>	<b>38,629</b>	<b>37,902</b>	<b>98.1%</b>	<b>7</b>	<b>-</b>	<b>38,381</b>	<b>23,958</b>	<b>62.4%</b>	<b>7</b>	<b>-</b>
<b>Hunts Point</b>										
Census Tract 89	3,218	3,170	98.5%	Yes		3,215	1,981	61.6%	Yes	
Census Tract 93	6,154	6,015	97.7%	Yes		5,461	3,652	66.9%	Yes	
Census Tract 115.02	4,582	4,549	99.3%	Yes		4,394	3,005	68.4%	Yes	
Census Tract 117	1,443	1,427	98.9%	Yes		1,443	1,059	73.4%	Yes	
Census Tract 119	5,440	5,241	96.3%	Yes		5,437	3,705	68.1%	Yes	
Census Tract 121.02	1,447	1,442	99.7%	Yes		1,447	1,059	73.2%	Yes	
Census Tract 127.01	1,928	1,892	98.1%	Yes		1,918	1,233	64.3%	Yes	
Census Tract 159	1,969	1,955	99.3%	Yes		1,959	1,400	71.5%	Yes	
<b>TOTAL Hunts Point</b>	<b>26,181</b>	<b>25,691</b>	<b>98.1%</b>	<b>8</b>	<b>-</b>	<b>25,274</b>	<b>17,094</b>	<b>67.6%</b>	<b>8</b>	<b>-</b>
<b>Kingsbridge Heights</b>										
Census Tract 253	6,199	6,175	99.6%	Yes		6,145	3,966	64.5%	Yes	
Census Tract 255	7,674	7,441	97.0%	Yes		7,647	4,466	58.4%	Yes	
Census Tract 261	2,097	1,998	95.3%	Yes		2,027	195	9.6%		No
Census Tract 263	6,218	5,674	91.3%	Yes		5,692	3,993	70.2%	Yes	
Census Tract 265	7,851	7,607	96.9%	Yes		7,666	4,958	64.7%	Yes	
Census Tract 269	3,703	3,696	99.8%	Yes		3,703	1,973	53.3%	Yes	
<b>TOTAL Kingsbridge Heights</b>	<b>33,742</b>	<b>32,591</b>	<b>96.6%</b>	<b>6</b>	<b>-</b>	<b>32,880</b>	<b>19,551</b>	<b>59.5%</b>	<b>5</b>	<b>1</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Longwood										
Census Tract 83	6,713	6,578	98.0%	Yes		6,706	4,202	62.7%	Yes	
Census Tract 85	5,631	5,565	98.8%	Yes		5,349	3,176	59.4%	Yes	
Census Tract 87	6,127	6,011	98.1%	Yes		5,968	4,434	74.3%	Yes	
Census Tract 129.01	4,419	4,300	97.3%	Yes		4,406	2,973	67.5%	Yes	
Census Tract 131	5,084	4,980	98.0%	Yes		5,080	2,863	56.4%	Yes	
TOTAL Longwood	27,974	27,434	98.1%	5	-	27,509	17,648	64.2%	5	-
Melrose South-Mott Haven North										
Census Tract 65	5,377	5,079	94.5%	Yes		5,328	3,666	68.8%	Yes	
Census Tract 75	6,692	6,631	99.1%	Yes		6,681	3,919	58.7%	Yes	
Census Tract 77	2,022	1,960	96.9%	Yes		2,011	1,260	62.7%	Yes	
Census Tract 79	7,188	7,178	99.9%	Yes		7,163	5,056	70.6%	Yes	
Census Tract 67	6,705	6,687	99.7%	Yes		6,705	4,259	63.5%	Yes	
Census Tract 69	7,801	7,488	96.0%	Yes		7,747	4,442	57.3%	Yes	
Census Tract 71	2,795	2,743	98.1%	Yes		2,732	1,266	46.3%	Yes	
Census Tract 73	4,297	4,225	98.3%	Yes		4,276	3,167	74.1%	Yes	
TOTAL Melrose South-Mott Haven North	42,877	41,991	97.9%	8	-	42,643	27,035	63.4%	8	-
Morrisania-Melrose										
Census Tract 121.01	3,070	2,994	97.5%	Yes		2,983	1,516	50.8%	Yes	
Census Tract 125	3,860	3,807	98.6%	Yes		3,858	2,058	53.3%	Yes	
Census Tract 133	6,000	5,949	99.2%	Yes		5,966	3,057	51.2%	Yes	
Census Tract 135	3,590	3,590	100.0%	Yes		3,590	2,165	60.3%	Yes	
Census Tract 149	4,419	4,328	97.9%	Yes		4,201	2,451	58.3%	Yes	
Census Tract 151	5,309	5,235	98.6%	Yes		5,261	3,456	65.7%	Yes	
Census Tract 185	9,001	8,944	99.4%	Yes		8,922	5,552	62.2%	Yes	
Census Tract 141	5,851	5,746	98.2%	Yes		5,835	3,590	61.5%	Yes	
TOTAL Morrisania-Melrose	41,100	40,593	98.8%	8	-	40,616	23,845	58.7%	8	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Mott Haven-Port Morris										
Census Tract 23	4,302	4,301	100.0%	Yes		4,301	3,013	70.1%	Yes	
Census Tract 25	5,610	5,390	96.1%	Yes		5,577	3,445	61.8%	Yes	
Census Tract 39	6,260	5,740	91.7%	Yes		6,152	4,014	65.2%	Yes	
Census Tract 41	5,942	5,840	98.3%	Yes		5,907	4,155	70.3%	Yes	
Census Tract 51	5,737	5,737	100.0%	Yes		5,728	3,957	69.1%	Yes	
Census Tract 31	1,689	1,665	98.6%	Yes		1,689	743	44.0%	Yes	
Census Tract 35	3,907	3,890	99.6%	Yes		3,887	2,417	62.2%	Yes	
Census Tract 19	3,141	2,801	89.2%	Yes		2,983	1,560	52.3%	Yes	
Census Tract 27.01	2,608	2,608	100.0%	Yes		2,608	2,047	78.5%	Yes	
Census Tract 27.02	4,560	4,524	99.2%	Yes		4,423	3,225	72.9%	Yes	
Census Tract 33	3,277	3,185	97.2%	Yes		3,246	2,392	73.7%	Yes	
Census Tract 37	250	229	91.6%	Yes		250	123	49.2%	Yes	
Census Tract 43	5,552	5,488	98.8%	Yes		5,534	3,891	70.3%	Yes	
TOTAL Mott Haven-Port Morris	52,835	51,398	97.3%	13	-	52,285	34,982	66.9%	13	-
Mount Hope										
Census Tract 229.02	3,614	3,582	99.1%	Yes		3,603	2,328	64.6%	Yes	
Census Tract 227.02	1,607	1,607	100.0%	Yes		1,607	927	57.7%	Yes	
Census Tract 227.03	1,688	1,614	95.6%	Yes		1,688	779	46.1%	Yes	
Census Tract 229.01	5,743	5,655	98.5%	Yes		5,743	3,317	57.8%	Yes	
Census Tract 231	1,537	1,497	97.4%	Yes		1,445	1,011	70.0%	Yes	
Census Tract 233.01	3,956	3,956	100.0%	Yes		3,948	2,013	51.0%	Yes	
Census Tract 233.02	3,706	3,659	98.7%	Yes		3,661	2,173	59.4%	Yes	
Census Tract 235.01	3,184	3,163	99.3%	Yes		3,184	1,881	59.1%	Yes	
Census Tract 235.02	4,153	4,136	99.6%	Yes		4,127	2,298	55.7%	Yes	
Census Tract 241	6,621	6,316	95.4%	Yes		6,597	3,641	55.2%	Yes	
Census Tract 379	5,469	5,453	99.7%	Yes		5,354	3,613	67.5%	Yes	
Census Tract 381	7,647	7,621	99.7%	Yes		7,647	4,460	58.3%	Yes	
Census Tract 227.01	5,151	5,073	98.5%	Yes		5,073	3,036	59.8%	Yes	
TOTAL Mount Hope	54,076	53,332	98.6%	13	-	53,677	31,477	58.6%	13	-



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
North Riverdale-Fieldston-Riverdale										
Census Tract 335	2,048	632	30.9%		No	1,535	313	20.4%		No
Census Tract 351	3,740	1,709	45.7%		No	2,690	437	16.2%		No
Census Tract 307.01	5,726	1,622	28.3%		No	5,726	585	10.2%		No
Census Tract 319	633	313	49.4%		No	72	59	81.9%	Yes	
Census Tract 323	4,575	1,766	38.6%		No	4,498	656	14.6%		No
Census Tract 337	2,521	971	38.5%		No	2,521	391	15.5%		No
Census Tract 343	1,665	1,052	63.2%	Yes		1,469	315	21.4%		No
Census Tract 345	3,540	1,874	52.9%	Yes		3,343	899	26.9%		No
Census Tract 309	3,709	1,175	31.7%		No	2,812	312	11.1%		No
TOTAL North Riverdale-Fieldston-Riverdale	28,157	11,114	39.5%	2	7	24,666	3,967	16.1%	1	8
Norwood										
Census Tract 419	6,035	5,410	89.6%	Yes		5,993	3,431	57.3%	Yes	
Census Tract 421	5,661	5,176	91.4%	Yes		5,648	3,391	60.0%	Yes	
Census Tract 425	6,175	5,415	87.7%	Yes		6,173	3,646	59.1%	Yes	
Census Tract 423	4,313	3,705	85.9%	Yes		4,313	2,048	47.5%	Yes	
Census Tract 429.01	3,561	3,271	91.9%	Yes		3,554	2,045	57.5%	Yes	
Census Tract 429.02	4,041	3,843	95.1%	Yes		3,929	2,071	52.7%	Yes	
Census Tract 431	10,246	9,656	94.2%	Yes		9,814	5,699	58.1%	Yes	
TOTAL Norwood	40,032	36,476	91.1%	7	-	39,424	22,331	56.6%	7	-
park-cemetery-etc-Bronx										
Census Tract 24	155	90	58.1%	Yes		155	-	0.0%		No
Census Tract 163	-	-	0.0%		No	-	-	0.0%		No
Census Tract 171	-	-	0.0%		No	-	-	0.0%		No
Census Tract 435	499	483	96.8%	Yes		499	302	60.5%	Yes	
Census Tract 334	15	15	100.0%	Yes		15	5	33.3%	Yes	
Census Tract 276	24	24	100.0%	Yes		24	24	100.0%	Yes	
Census Tract 504	-	-	0.0%		No	-	-	0.0%		No
TOTAL park-cemetery-etc-Bronx	693	612	88.3%	4	3	693	331	47.8%	3	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Parkchester										
Census Tract 210.01	8,930	8,735	97.8%	Yes		8,930	2,893	32.4%	Yes	
Census Tract 210.02	7,613	7,527	98.9%	Yes		7,613	2,705	35.5%	Yes	
Census Tract 212	4,850	4,782	98.6%	Yes		4,850	1,447	29.8%	Yes	
Census Tract 216.02	5,632	5,419	96.2%	Yes		5,614	2,018	35.9%	Yes	
Census Tract 222	3,293	3,112	94.5%	Yes		3,272	1,475	45.1%	Yes	
TOTAL Parkchester	30,318	29,575	97.5%	5	-	30,279	10,538	34.8%	5	-
Pelham Bay-Country Club-City Island										
Br N Census Tract 274.01	4,693	1,426	30.4%		No	4,693	743	15.8%		No
Br N Census Tract 274.02	3,481	1,204	34.6%		No	3,277	618	18.9%		No
Br N Census Tract 266.01	3,452	2,569	74.4%	Yes		3,452	982	28.4%	Yes	
Br N Census Tract 266.02	5,084	3,313	65.2%	Yes		5,084	1,631	32.1%	Yes	
Br N Census Tract 300	6,021	4,114	68.3%	Yes		5,998	2,023	33.7%	Yes	
Br N Census Tract 516	4,531	2,152	47.5%		No	4,531	830	18.3%		No
TOTAL Pelham Bay-Country Club-City Island	27,262	14,778	54.2%	3	3	27,035	6,827	25.3%	3	3
Pelham Parkway										
Census Tract 224.01	2,498	2,298	92.0%	Yes		2,492	1,010	40.5%	Yes	
Census Tract 224.03	3,194	2,563	80.2%	Yes		3,194	1,207	37.8%	Yes	
Census Tract 224.04	4,203	3,457	82.3%	Yes		4,203	1,446	34.4%	Yes	
Census Tract 228	6,128	5,040	82.2%	Yes		6,128	2,125	34.7%	Yes	
Census Tract 246	2,011	1,156	57.5%	Yes		2,007	458	22.8%		No
Census Tract 248	3,078	1,593	51.8%	Yes		2,765	578	20.9%		No
Census Tract 250	2,591	1,321	51.0%	Yes		2,589	553	21.4%		No
Census Tract 288	3,330	1,627	48.9%		No	3,330	930	27.9%	Yes	
Census Tract 296	1,575	1,210	76.8%	Yes		1,484	363	24.5%		No
TOTAL Pelham Parkway	28,608	20,265	70.8%	8	1	28,192	8,670	30.8%	5	4
Rikers Island										
Census Tract 1	6,864	6,261	91.2%	Yes		-	-	0.0%		
TOTAL Rikers Island	6,864	6,261	91.2%	1	-	-	-	0.0%	-	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Schuylerville-Throgs Neck-Edgewater Park										
Census Tract 110	-	-	0.0%		No	-	-	0.0%		No
Census Tract 130	1,476	818	55.4%	Yes		1,476	163	11.0%		No
Census Tract 132	7,272	5,229	71.9%	Yes		7,257	779	10.7%		No
Census Tract 138	2,588	1,227	47.4%		No	2,588	689	26.6%		No
Census Tract 144	5,138	5,038	98.1%	Yes		5,055	2,998	59.3%	Yes	
Census Tract 152	2,481	1,691	68.2%	Yes		2,481	869	35.0%	Yes	
Census Tract 158	1,314	782	59.5%	Yes		1,311	347	26.5%		No
Census Tract 160	3,666	1,703	46.5%		No	3,662	794	21.7%		No
Census Tract 162	1,870	1,279	68.4%	Yes		1,675	525	31.3%	Yes	
Census Tract 164	1,046	335	32.0%		No	1,046	156	14.9%		No
Census Tract 166	2,244	1,764	78.6%	Yes		2,244	623	27.8%	Yes	
Census Tract 184	3,793	2,254	59.4%	Yes		3,793	836	22.0%		No
Census Tract 194	2,375	2,017	84.9%	Yes		2,375	1,080	45.5%	Yes	
Census Tract 264	4,868	3,254	66.8%	Yes		4,868	1,331	27.3%	Yes	
Census Tract 118	5,503	2,398	43.6%		No	4,106	731	17.8%		No
TOTAL Schuylerville-Throgs Neck-Edgewater Park	45,634	29,789	65.3%	10	5	43,937	11,921	27.1%	6	9
Soundview-Bruckner										
Census Tract 40.01	1,475	1,347	91.3%	Yes		1,475	457	31.0%	Yes	
Census Tract 44	4,401	4,107	93.3%	Yes		4,209	3,128	74.3%	Yes	
Census Tract 48	4,563	4,535	99.4%	Yes		4,534	2,391	52.7%	Yes	
Census Tract 50.01	4,604	4,562	99.1%	Yes		4,431	2,832	63.9%	Yes	
Census Tract 50.02	5,592	5,532	98.9%	Yes		5,552	3,824	68.9%	Yes	
Census Tract 52	1,956	1,956	100.0%	Yes		1,956	1,292	66.1%	Yes	
Census Tract 68	3,230	3,230	100.0%	Yes		3,230	1,601	49.6%	Yes	
Census Tract 70	4,378	4,227	96.6%	Yes		4,362	2,471	56.6%	Yes	
Census Tract 72	6,255	5,882	94.0%	Yes		6,211	3,250	52.3%	Yes	
TOTAL Soundview-Bruckner	36,454	35,378	97.0%	9	-	35,960	21,246	59.1%	9	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Soundview-Castle Hill-Clason Point-Harding Park										
Census Tract 90	3,459	3,404	98.4%	Yes		3,434	2,289	66.7%	Yes	
Census Tract 2	4,532	4,499	99.3%	Yes		4,532	1,903	42.0%	Yes	
Census Tract 4	5,516	5,129	93.0%	Yes		5,503	1,168	21.2%		No
Census Tract 16	5,825	5,612	96.3%	Yes		5,603	3,300	58.9%	Yes	
Census Tract 20	9,040	9,019	99.8%	Yes		8,984	5,951	66.2%	Yes	
Census Tract 28	5,151	5,100	99.0%	Yes		5,121	1,409	27.5%	Yes	
Census Tract 38	1,350	1,350	100.0%	Yes		1,328	572	43.1%	Yes	
Census Tract 42	7,697	7,288	94.7%	Yes		7,660	3,438	44.9%	Yes	
Census Tract 46	1,961	1,866	95.2%	Yes		1,946	1,272	65.4%	Yes	
Census Tract 74	3,634	3,555	97.8%	Yes		3,634	1,514	41.7%	Yes	
Census Tract 84	2,899	2,834	97.8%	Yes		2,878	708	24.6%		No
Census Tract 86	3,936	3,871	98.3%	Yes		3,833	2,603	67.9%	Yes	
TOTAL Soundview-Castle Hill-Clason Point-Harding Park	55,000	53,527	97.3%	12	-	54,456	26,127	48.0%	10	2
Spuyten Duyvil-Kingsbridge										
Census Tract 293.01	1,806	584	32.3%		No	1,620	130	8.0%		No
Census Tract 283	2,489	2,192	88.1%	Yes		2,487	1,586	63.8%	Yes	
Census Tract 285	3,523	1,910	54.2%	Yes		3,495	1,164	33.3%	Yes	
Census Tract 287	3,153	2,389	75.8%	Yes		3,153	1,017	32.3%	Yes	
Census Tract 289	4,807	3,992	83.0%	Yes		4,623	1,857	40.2%	Yes	
Census Tract 295	4,564	1,935	42.4%		No	4,564	430	9.4%		No
Census Tract 293.02	5,569	2,181	39.2%		No	5,435	984	18.1%		No
Census Tract 297	3,799	1,308	34.4%		No	3,552	323	9.1%		No
Census Tract 301	1,413	713	50.5%	Yes		1,043	175	16.8%		No
TOTAL Spuyten Duyvil-Kingsbridge	31,123	17,204	55.3%	5	4	29,972	7,666	25.6%	4	5



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
University Heights-Morris Heights										
Census Tract 53	4,888	4,832	98.9%	Yes		4,867	4,036	82.9%	Yes	
Census Tract 205.01	6,976	6,903	99.0%	Yes		6,955	4,669	67.1%	Yes	
Census Tract 205.02	2,160	2,124	98.3%	Yes		2,160	1,201	55.6%	Yes	
Census Tract 213.01	1,267	1,197	94.5%	Yes		1,267	699	55.2%	Yes	
Census Tract 251	7,360	7,296	99.1%	Yes		7,340	4,464	60.8%	Yes	
Census Tract 215.01	4,565	4,509	98.8%	Yes		4,396	2,438	55.5%	Yes	
Census Tract 215.02	6,532	6,513	99.7%	Yes		6,344	4,513	71.1%	Yes	
Census Tract 217	5,124	5,023	98.0%	Yes		5,078	2,860	56.3%	Yes	
Census Tract 243	5,737	5,663	98.7%	Yes		5,737	3,467	60.4%	Yes	
Census Tract 245.01	4,871	4,803	98.6%	Yes		4,871	3,572	73.3%	Yes	
Census Tract 245.02	3,677	3,649	99.2%	Yes		3,577	2,271	63.5%	Yes	
Census Tract 247	2,058	2,030	98.6%	Yes		2,058	946	46.0%	Yes	
Census Tract 249	-	-	0.0%		No	-	-	0.0%		No
Census Tract 257	1,999	1,963	98.2%	Yes		1,999	817	40.9%	Yes	
TOTAL University Heights-Morris Heights	57,214	56,505	98.8%	13	1	56,649	35,953	63.5%	13	1
Van Cortlandt Village										
Census Tract 267.01	4,185	4,068	97.2%	Yes		4,185	2,198	52.5%	Yes	
Census Tract 267.02	7,895	7,659	97.0%	Yes		7,815	5,308	67.9%	Yes	
Census Tract 273	7,778	7,332	94.3%	Yes		7,557	4,096	54.2%	Yes	
Census Tract 277	4,660	4,120	88.4%	Yes		4,660	2,324	49.9%	Yes	
Census Tract 279	7,379	6,299	85.4%	Yes		6,923	2,770	40.0%	Yes	
Census Tract 281	3,954	2,739	69.3%	Yes		3,679	934	25.4%		No
Census Tract 403.03	4,900	4,850	99.0%	Yes		4,872	2,860	58.7%	Yes	
Census Tract 403.04	3,593	3,556	99.0%	Yes		3,570	2,237	62.7%	Yes	
Census Tract 407.01	3,120	3,016	96.7%	Yes		3,120	1,580	50.6%	Yes	
Census Tract 409	3,194	2,538	79.5%	Yes		3,185	1,094	34.3%	Yes	
TOTAL Van Cortlandt Village	50,658	46,177	91.2%	10	-	49,566	25,401	51.2%	9	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Van Nest-Morris Park-Westchester Square										
Census Tract 238	2,241	1,832	81.7%	Yes		2,227	839	37.7%	Yes	
Census Tract 240	3,903	3,494	89.5%	Yes		3,878	1,781	45.9%	Yes	
Census Tract 284	554	235	42.4%		No	109	109	100.0%	Yes	
Census Tract 200	4,711	4,581	97.2%	Yes		4,700	2,842	60.5%	Yes	
Census Tract 230	2,802	2,269	81.0%	Yes		2,802	1,538	54.9%	Yes	
Census Tract 232	2,476	1,772	71.6%	Yes		2,464	986	40.0%	Yes	
Census Tract 236	1,816	1,252	68.9%	Yes		1,754	763	43.5%	Yes	
Census Tract 244	2,146	1,398	65.1%	Yes		2,146	569	26.5%		No
Census Tract 252	2,787	1,684	60.4%	Yes		2,780	939	33.8%	Yes	
Census Tract 254	1,997	805	40.3%		No	1,997	667	33.4%	Yes	
Census Tract 256	1,696	1,432	84.4%	Yes		1,625	647	39.8%	Yes	
Census Tract 286	1,085	601	55.4%	Yes		1,085	237	21.8%		No
TOTAL Van Nest-Morris Park-Westchester Square	28,214	21,355	75.7%	10	2	27,567	11,917	43.2%	10	2
West Concourse										
Census Tract 63	4,582	4,120	89.9%	Yes		4,571	2,227	48.7%	Yes	
Census Tract 195	7,060	6,918	98.0%	Yes		6,994	4,039	57.7%	Yes	
Census Tract 197	7,561	7,485	99.0%	Yes		7,527	4,615	61.3%	Yes	
Census Tract 209	4,287	4,123	96.2%	Yes		4,287	2,624	61.2%	Yes	
Census Tract 221.01	4,133	4,122	99.7%	Yes		4,122	2,544	61.7%	Yes	
Census Tract 221.02	5,411	5,356	99.0%	Yes		5,411	4,125	76.2%	Yes	
Census Tract 223	5,278	5,152	97.6%	Yes		5,143	3,205	62.3%	Yes	
TOTAL West Concourse	38,312	37,276	97.3%	7	-	38,055	23,379	61.4%	7	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
West Farms-Bronx River										
Census Tract 54	5,324	5,246	98.5%	Yes		5,324	3,094	58.1%	Yes	
Census Tract 56	2,279	2,224	97.6%	Yes		2,279	1,263	55.4%	Yes	
Census Tract 62	7,233	7,116	98.4%	Yes		7,233	5,581	77.2%	Yes	
Census Tract 64	3,932	3,738	95.1%	Yes		3,855	2,011	52.2%	Yes	
Census Tract 76	5,311	5,103	96.1%	Yes		5,266	3,046	57.8%	Yes	
Census Tract 216.01	4,720	4,521	95.8%	Yes		4,720	2,637	55.9%	Yes	
Census Tract 218	6,520	6,377	97.8%	Yes		6,507	3,720	57.2%	Yes	
TOTAL West Farms-Bronx River	35,319	34,325	97.2%	7	-	35,184	21,352	60.7%	7	-
Westchester-Unionport										
Census Tract 78	7,415	7,195	97.0%	Yes		7,390	3,800	51.4%	Yes	
Census Tract 92	5,848	5,590	95.6%	Yes		5,820	2,653	45.6%	Yes	
Census Tract 96	2,792	2,613	93.6%	Yes		2,590	1,205	46.5%	Yes	
Census Tract 98	4,756	4,589	96.5%	Yes		4,687	1,205	25.7%		No
Census Tract 202	2,385	2,281	95.6%	Yes		2,348	1,260	53.7%	Yes	
Census Tract 204	3,011	2,742	91.1%	Yes		3,005	1,210	40.3%	Yes	
Census Tract 206.01	2,237	2,158	96.5%	Yes		2,237	1,134	50.7%	Yes	
TOTAL Westchester-Unionport	28,444	27,168	95.5%	7	-	28,077	12,467	44.4%	6	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Williamsbridge-Olinville										
Census Tract 368	2,109	2,052	97.3%	Yes		2,000	749	37.5%	Yes	
Census Tract 370	2,416	2,378	98.4%	Yes		2,416	1,030	42.6%	Yes	
Census Tract 372	2,132	2,114	99.2%	Yes		2,130	784	36.8%	Yes	
Census Tract 374	3,861	3,787	98.1%	Yes		3,847	2,213	57.5%	Yes	
Census Tract 376	2,197	1,980	90.1%	Yes		2,168	748	34.5%	Yes	
Census Tract 378	2,900	2,870	99.0%	Yes		2,882	1,131	39.2%	Yes	
Census Tract 380	5,239	5,031	96.0%	Yes		5,191	2,952	56.9%	Yes	
Census Tract 382	3,100	3,051	98.4%	Yes		3,085	1,438	46.6%	Yes	
Census Tract 388	2,763	2,714	98.2%	Yes		2,763	930	33.7%	Yes	
Census Tract 390	2,861	2,792	97.6%	Yes		2,861	1,303	45.5%	Yes	
Census Tract 392	1,602	1,582	98.8%	Yes		1,602	432	27.0%	Yes	
Census Tract 394	5,647	5,586	98.9%	Yes		5,421	2,684	49.5%	Yes	
Census Tract 396	5,022	4,981	99.2%	Yes		5,015	2,604	51.9%	Yes	
Census Tract 398	3,842	3,831	99.7%	Yes		3,816	742	19.4%		No
Census Tract 404	3,600	3,567	99.1%	Yes		3,600	516	14.3%		No
Census Tract 406	3,547	3,545	99.9%	Yes		3,543	1,337	37.7%	Yes	
Census Tract 408	4,826	4,365	90.4%	Yes		4,811	2,438	50.7%	Yes	
Census Tract 420	4,206	4,071	96.8%	Yes		4,121	2,158	52.4%	Yes	
Census Tract 422	3,285	3,176	96.7%	Yes		3,285	964	29.3%	Yes	
Census Tract 424	2,569	2,484	96.7%	Yes		2,322	467	20.1%		No
TOTAL Williamsbridge-Olinville	67,724	65,957	97.4%	20	-	66,879	27,620	41.3%	17	3



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Woodlawn-Wakefield										
Census Tract 426	6,729	6,312	93.8%	Yes		6,627	1,770	26.7%		No
Census Tract 448	2,075	2,013	97.0%	Yes		2,067	421	20.4%		No
Census Tract 428	2,120	2,065	97.4%	Yes		2,120	566	26.7%		No
Census Tract 430	3,499	3,439	98.3%	Yes		3,499	1,298	37.1%	Yes	
Census Tract 444	4,295	4,173	97.2%	Yes		4,278	1,208	28.2%	Yes	
Census Tract 414	5,158	4,989	96.7%	Yes		5,131	1,892	36.9%	Yes	
Census Tract 418	3,876	3,777	97.4%	Yes		3,804	1,618	42.5%	Yes	
Census Tract 434	3,710	3,592	96.8%	Yes		3,710	1,395	37.6%	Yes	
Census Tract 436	2,020	1,884	93.3%	Yes		2,020	445	22.0%		No
Census Tract 442	4,019	4,007	99.7%	Yes		4,009	1,379	34.4%	Yes	
Census Tract 449.01	1,763	403	22.9%		No	1,756	283	16.1%		No
Census Tract 449.02	2,041	588	28.8%		No	2,026	603	29.8%	Yes	
Census Tract 451.01	1,455	343	23.6%		No	1,451	252	17.4%		No
Census Tract 451.02	1,955	503	25.7%		No	1,955	232	11.9%		No
TOTAL Woodlawn-Wakefield	44,715	38,088	85.2%	10	4	44,453	13,362	30.1%	7	7
TOTAL Bronx County	1,435,068	1,303,928	90.9%	308	31	1,400,341	714,262	51.0%	275	63

Table 17C-4

## Environmental Justice Populations: Kings County (Brooklyn), NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Kings County, New York										
Bath Beach										
Census Tract 178	3,073	2,323	75.6%	Yes		2,859	1,132	39.6%	Yes	
Census Tract 180	3,518	2,376	67.5%	Yes		3,518	1,183	33.6%	Yes	
Census Tract 280	1,829	1,117	61.1%	Yes		1,829	585	32.0%	Yes	
Census Tract 282	3,762	2,641	70.2%	Yes		3,762	1,485	39.5%	Yes	
Census Tract 168	1,905	914	48.0%		No	1,905	398	20.9%		No
Census Tract 170	3,484	2,143	61.5%	Yes		3,484	1,002	28.8%	Yes	
Census Tract 172	3,262	2,223	68.1%	Yes		3,262	713	21.9%		No
Census Tract 174	2,191	1,096	50.0%	Yes		2,191	513	23.4%		No
Census Tract 176	2,413	1,067	44.2%		No	2,413	835	34.6%	Yes	
Census Tract 286	5,110	2,708	53.0%	Yes		5,110	2,764	54.1%	Yes	
Census Tract 292	3,033	1,754	57.8%	Yes		3,033	1,151	37.9%	Yes	
TOTAL Bath Beach	33,580	20,362	60.6%	9	2	33,366	11,761	35.2%	8	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bay Ridge										
Census Tract 36	3,500	1,439	41.1%		No	3,498	770	22.0%		No
Census Tract 38	1,371	457	33.3%		No	1,371	349	25.5%		No
Census Tract 44	2,518	484	19.2%		No	2,518	239	9.5%		No
Census Tract 46	1,301	304	23.4%		No	1,301	170	13.1%		No
Census Tract 50	2,260	507	22.4%		No	2,260	148	6.5%		No
Census Tract 52.01	1,707	599	35.1%		No	1,707	606	35.5%	Yes	
Census Tract 52.02	2,442	347	14.2%		No	2,431	646	26.6%		No
Census Tract 54	3,185	995	31.2%		No	3,171	819	25.8%		No
Census Tract 56.01	2,447	702	28.7%		No	2,447	516	21.1%		No
Census Tract 56.02	1,687	617	36.6%		No	1,687	320	19.0%		No
Census Tract 58	2,827	972	34.4%		No	2,820	728	25.8%		No
Census Tract 60	3,148	1,562	49.6%		No	3,148	661	21.0%		No
Census Tract 62	2,676	1,008	37.7%		No	2,669	630	23.6%		No
Census Tract 64	3,042	765	25.1%		No	3,040	604	19.9%		No
Census Tract 66	3,542	1,253	35.4%		No	3,541	1,148	32.4%	Yes	
Census Tract 68	4,900	2,880	58.8%	Yes		4,848	2,209	45.6%	Yes	
Census Tract 126	2,838	2,079	73.3%	Yes		2,838	1,524	53.7%	Yes	
Census Tract 130	4,615	2,336	50.6%	Yes		4,602	2,012	43.7%	Yes	
Census Tract 134	4,117	1,611	39.1%		No	4,115	1,264	30.7%	Yes	
Census Tract 136	3,609	921	25.5%		No	3,607	795	22.0%		No
Census Tract 138	3,169	1,214	38.3%		No	3,163	709	22.4%		No
Census Tract 142	3,051	1,219	40.0%		No	3,051	668	21.9%		No
Census Tract 160	3,965	1,851	46.7%		No	3,955	944	23.9%		No
Census Tract 162	2,294	868	37.8%		No	2,294	670	29.2%	Yes	
Census Tract 164	1,264	792	62.7%	Yes		1,074	31	2.9%		No
Census Tract 30	1,718	743	43.2%		No	1,718	309	18.0%		No
Census Tract 34	3,161	1,514	47.9%		No	3,119	760	24.4%		No
Census Tract 70	2,538	1,167	46.0%		No	2,511	466	18.6%		No
TOTAL Bay Ridge	78,892	31,206	39.6%	4	24	78,504	20,715	26.4%	7	21

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bedford										
Census Tract 243	4,122	2,779	67.4%	Yes		4,095	1,486	36.3%	Yes	
Census Tract 245	4,491	3,267	72.7%	Yes		4,491	1,145	25.5%		No
Census Tract 249	4,018	2,677	66.6%	Yes		4,008	1,058	26.4%		No
Census Tract 251	3,741	2,865	76.6%	Yes		3,741	1,714	45.8%	Yes	
Census Tract 265	4,118	3,241	78.7%	Yes		4,075	1,310	32.1%	Yes	
Census Tract 267	4,055	2,901	71.5%	Yes		3,927	1,158	29.5%	Yes	
Census Tract 269	3,147	2,673	84.9%	Yes		3,128	949	30.3%	Yes	
Census Tract 233	5,884	4,171	70.9%	Yes		5,864	2,227	38.0%	Yes	
Census Tract 241	2,765	1,195	43.2%		No	2,658	1,282	48.2%	Yes	
Census Tract 253	3,496	2,437	69.7%	Yes		3,496	1,682	48.1%	Yes	
Census Tract 255	5,598	5,533	98.8%	Yes		5,582	4,331	77.6%	Yes	
Census Tract 257	2,476	1,813	73.2%	Yes		2,470	983	39.8%	Yes	
Census Tract 259.01	2,257	1,621	71.8%	Yes		2,257	1,059	46.9%	Yes	
Census Tract 259.02	3,533	3,533	100.0%	Yes		3,508	3,230	92.1%	Yes	
Census Tract 261	4,497	3,601	80.1%	Yes		4,495	1,947	43.3%	Yes	
Census Tract 263	2,015	1,533	76.1%	Yes		2,007	955	47.6%	Yes	
Census Tract 507	3,063	721	23.5%		No	3,063	2,206	72.0%	Yes	
Census Tract 531	8,833	383	4.3%		No	8,833	6,130	69.4%	Yes	
Census Tract 1237	6,966	910	13.1%		No	6,966	4,802	68.9%	Yes	
TOTAL Bedford	79,075	47,854	60.5%	15	4	78,664	39,654	50.4%	17	2



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bensonhurst East										
Census Tract 298	3,794	2,348	61.9%	Yes		3,782	1,645	43.5%	Yes	
Census Tract 300	4,207	3,004	71.4%	Yes		4,207	1,991	47.3%	Yes	
Census Tract 302	4,448	2,879	64.7%	Yes		4,448	1,425	32.0%	Yes	
Census Tract 304	4,189	2,641	63.0%	Yes		4,182	1,882	45.0%	Yes	
Census Tract 400	3,003	1,783	59.4%	Yes		2,978	940	31.6%	Yes	
Census Tract 402	2,988	2,024	67.7%	Yes		2,988	1,091	36.5%	Yes	
Census Tract 404	2,459	1,373	55.8%	Yes		2,443	783	32.1%	Yes	
Census Tract 406	3,692	2,611	70.7%	Yes		3,692	1,995	54.0%	Yes	
Census Tract 408	3,646	2,586	70.9%	Yes		3,646	826	22.7%		No
Census Tract 410	2,048	706	34.5%		No	2,029	1,006	49.6%	Yes	
Census Tract 412	3,328	1,537	46.2%		No	3,328	1,191	35.8%	Yes	
Census Tract 424	3,480	1,870	53.7%	Yes		3,480	1,428	41.0%	Yes	
Census Tract 426	4,302	2,776	64.5%	Yes		4,276	1,782	41.7%	Yes	
Census Tract 428	3,785	1,679	44.4%		No	3,785	1,291	34.1%	Yes	
Census Tract 430	3,283	1,834	55.9%	Yes		3,283	1,969	60.0%	Yes	
Census Tract 432	4,341	2,851	65.7%	Yes		4,341	1,702	39.2%	Yes	
Census Tract 434	3,537	1,967	55.6%	Yes		3,505	1,502	42.9%	Yes	
Census Tract 436	5,059	2,518	49.8%		No	5,059	1,633	32.3%	Yes	
TOTAL Bensonhurst East	65,589	38,987	59.4%	14	4	65,452	26,082	39.8%	17	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bensonhurst West										
Census Tract 182	3,501	2,411	68.9%	Yes		3,501	1,390	39.7%	Yes	Yes
Census Tract 184	2,617	1,465	56.0%	Yes		2,608	771	29.6%	Yes	Yes
Census Tract 186	2,155	1,007	46.7%		No	2,155	992	46.0%	Yes	
Census Tract 188	2,836	1,359	47.9%		No	2,836	690	24.3%		No
Census Tract 190	4,763	3,386	71.1%	Yes		4,754	2,040	42.9%	Yes	
Census Tract 248	2,653	1,695	63.9%	Yes		2,653	955	36.0%	Yes	
Census Tract 250	1,853	1,628	87.9%	Yes		1,848	906	49.0%	Yes	
Census Tract 252	5,299	3,435	64.8%	Yes		5,277	2,023	38.3%	Yes	
Census Tract 254	3,413	2,062	60.4%	Yes		3,406	1,602	47.0%	Yes	
Census Tract 256	3,199	2,461	76.9%	Yes		3,190	1,776	55.7%	Yes	
Census Tract 258	4,354	2,504	57.5%	Yes		4,331	2,026	46.8%	Yes	
Census Tract 260	3,214	2,102	65.4%	Yes		3,214	1,391	43.3%	Yes	
Census Tract 262	2,425	1,679	69.2%	Yes		2,425	803	33.1%	Yes	
Census Tract 264	4,594	3,324	72.4%	Yes		4,587	1,896	41.3%	Yes	
Census Tract 266	3,517	2,782	79.1%	Yes		3,517	1,600	45.5%	Yes	
Census Tract 268	3,965	2,362	59.6%	Yes		3,960	1,845	46.6%	Yes	
Census Tract 270	2,139	856	40.0%		No	2,139	1,036	48.4%	Yes	
Census Tract 272	3,755	2,479	66.0%	Yes		3,755	1,368	36.4%	Yes	
Census Tract 274	3,602	2,282	63.4%	Yes		3,543	1,292	36.5%	Yes	
Census Tract 276	3,646	2,680	73.5%	Yes		3,609	1,861	51.6%	Yes	
Census Tract 278	3,118	1,896	60.8%	Yes		3,118	888	28.5%	Yes	
Census Tract 284	3,532	2,062	58.4%	Yes		3,532	1,278	36.2%	Yes	
Census Tract 288	3,836	2,452	63.9%	Yes		3,792	1,693	44.6%	Yes	
Census Tract 290	3,580	1,389	38.8%		No	3,580	1,588	44.4%	Yes	
Census Tract 294	2,474	1,251	50.6%	Yes		2,105	1,014	48.2%	Yes	
Census Tract 296	5,849	3,091	52.8%	Yes		5,849	2,583	44.2%	Yes	
TOTAL Bensonhurst West	89,889	56,100	62.4%	22	4	89,284	37,307	41.8%	25	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Borough Park										
Census Tract 116	3,594	3,178	88.4%	Yes		3,594	2,313	64.4%	Yes	
Census Tract 214	2,187	1,034	47.3%		No	2,181	1,188	54.5%	Yes	
Census Tract 192	2,934	1,850	63.1%	Yes		2,921	1,641	56.2%	Yes	
Census Tract 216	4,022	771	19.2%		No	3,931	2,359	60.0%	Yes	
Census Tract 218	3,128	373	11.9%		No	3,128	2,138	68.4%	Yes	
Census Tract 234	4,563	230	5.0%		No	4,512	3,192	70.7%	Yes	
Census Tract 236	5,549	379	6.8%		No	5,549	4,069	73.3%	Yes	
Census Tract 238	3,634	171	4.7%		No	3,634	2,195	60.4%	Yes	
Census Tract 240	4,823	578	12.0%		No	4,745	3,307	69.7%	Yes	
Census Tract 242	2,868	320	11.2%		No	2,868	1,329	46.3%	Yes	
Census Tract 244	3,609	745	20.6%		No	3,564	1,660	46.6%	Yes	
Census Tract 246	2,880	1,338	46.5%		No	2,879	1,068	37.1%	Yes	
Census Tract 446	2,092	1,302	62.2%	Yes		2,090	830	39.7%	Yes	
Census Tract 464	2,638	351	13.3%		No	2,622	1,300	49.6%	Yes	
Census Tract 468	2,168	96	4.4%		No	2,168	1,161	53.6%	Yes	
Census Tract 470	2,603	243	9.3%		No	2,603	1,133	43.5%	Yes	
Census Tract 472	2,769	58	2.1%		No	2,731	1,667	61.0%	Yes	
Census Tract 474	2,385	48	2.0%		No	2,385	1,524	63.9%	Yes	
Census Tract 476	3,385	161	4.8%		No	3,361	1,684	50.1%	Yes	
Census Tract 478	3,666	835	22.8%		No	3,666	1,945	53.1%	Yes	
Census Tract 114	3,796	1,880	49.5%		No	3,285	2,176	66.2%	Yes	
Census Tract 220	4,776	960	20.1%		No	4,742	3,625	76.4%	Yes	
Census Tract 222	4,008	263	6.6%		No	4,008	2,852	71.2%	Yes	
Census Tract 224	5,785	1,605	27.7%		No	5,785	3,947	68.2%	Yes	
Census Tract 226	2,233	1,334	59.7%	Yes		2,233	1,375	61.6%	Yes	
Census Tract 228	3,627	1,253	34.5%		No	3,537	2,155	60.9%	Yes	
Census Tract 230	4,251	680	16.0%		No	4,251	2,891	68.0%	Yes	
Census Tract 232	5,561	1,093	19.7%		No	5,533	3,704	66.9%	Yes	
TOTAL Borough Park	99,534	23,129	23.2%	4	24	98,506	60,428	61.3%	28	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Brighton Beach										
Census Tract 360.01	3,155	265	8.4%		No	3,155	1,637	51.9%	Yes	
Census Tract 360.02	4,074	393	9.6%		No	4,069	2,495	61.3%	Yes	
Census Tract 362	3,855	2,010	52.1%	Yes		3,832	2,096	54.7%	Yes	
Census Tract 364	2,443	811	33.2%		No	2,443	1,006	41.2%	Yes	
Census Tract 366	4,268	2,226	52.2%	Yes		3,970	1,996	50.3%	Yes	
Census Tract 370	4,231	1,509	35.7%		No	4,215	1,283	30.4%	Yes	
Census Tract 610.02	4,898	94	1.9%		No	4,898	888	18.1%		No
Census Tract 610.03	1,669	1,136	68.1%	Yes		1,669	1,025	61.4%	Yes	
Census Tract 610.04	6,221	1,210	19.5%		No	6,221	3,090	49.7%	Yes	
TOTAL Brighton Beach	34,814	9,654	27.7%	3	6	34,472	15,516	45.0%	8	1
Brooklyn Heights-Cobble Hill										
Census Tract 1	4,405	1,494	33.9%		No	4,364	766	17.6%		No
Census Tract 3.01	3,924	637	16.2%		No	3,908	658	16.8%		No
Census Tract 5.01	4,308	1,340	31.1%		No	3,042	395	13.0%		No
Census Tract 5.02	2,697	554	20.5%		No	2,598	159	6.1%		No
Census Tract 7	3,906	769	19.7%		No	3,861	382	9.9%		No
Census Tract 9	4,518	1,321	29.2%		No	4,102	328	8.0%		No
TOTAL Brooklyn Heights-Cobble Hill	23,758	6,115	25.7%	-	6	21,875	2,688	12.3%	-	6



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Brownsville										
Census Tract 892	3,265	3,204	98.1%	Yes		3,254	2,119	65.1%	Yes	
Census Tract 900	3,912	3,903	99.8%	Yes		3,873	2,412	62.3%	Yes	
Census Tract 910	4,196	4,196	100.0%	Yes		4,183	3,296	78.8%	Yes	
Census Tract 920	2,523	2,512	99.6%	Yes		2,523	1,458	57.8%	Yes	
Census Tract 894	3,254	3,130	96.2%	Yes		3,226	1,617	50.1%	Yes	
Census Tract 896	3,160	3,144	99.5%	Yes		3,160	1,385	43.8%	Yes	
Census Tract 898	1,820	1,762	96.8%	Yes		1,820	592	32.5%	Yes	
Census Tract 902	3,309	3,225	97.5%	Yes		3,269	2,015	61.6%	Yes	
Census Tract 906	3,295	3,270	99.2%	Yes		3,295	2,634	79.9%	Yes	
Census Tract 908	5,992	5,882	98.2%	Yes		5,669	5,001	88.2%	Yes	
Census Tract 912	5,589	5,580	99.8%	Yes		5,589	4,453	79.7%	Yes	
Census Tract 916	3,481	3,455	99.3%	Yes		3,463	2,372	68.5%	Yes	
Census Tract 918	2,250	2,246	99.8%	Yes		2,229	1,389	62.3%	Yes	
Census Tract 922	2,537	2,502	98.6%	Yes		2,537	1,094	43.1%	Yes	
Census Tract 924	2,653	2,647	99.8%	Yes		2,592	1,660	64.0%	Yes	
TOTAL Brownsville	51,236	50,658	98.9%	15	-	50,682	33,497	66.1%	15	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bushwick North										
Census Tract 427	4,896	3,536	72.2%	Yes		4,896	2,437	49.8%	Yes	
Census Tract 429	5,441	4,189	77.0%	Yes		5,441	2,906	53.4%	Yes	
Census Tract 431	4,694	3,314	70.6%	Yes		4,694	2,582	55.0%	Yes	
Census Tract 445	4,729	3,879	82.0%	Yes		4,729	2,023	42.8%	Yes	
Census Tract 447	2,545	1,918	75.4%	Yes		2,493	1,332	53.4%	Yes	
Census Tract 453	2,578	1,897	73.6%	Yes		2,572	1,649	64.1%	Yes	
Census Tract 409	3,836	3,406	88.8%	Yes		3,836	1,994	52.0%	Yes	
Census Tract 433	3,628	3,358	92.6%	Yes		3,592	2,084	58.0%	Yes	
Census Tract 435	5,115	4,725	92.4%	Yes		5,074	1,897	37.4%	Yes	
Census Tract 437	5,696	4,618	81.1%	Yes		5,658	2,480	43.8%	Yes	
Census Tract 439	3,515	3,237	92.1%	Yes		3,503	1,726	49.3%	Yes	
Census Tract 441	5,124	4,270	83.3%	Yes		5,020	2,406	47.9%	Yes	
Census Tract 443	4,587	3,540	77.2%	Yes		4,587	1,894	41.3%	Yes	
TOTAL Bushwick North	56,384	45,887	81.4%	13	-	56,095	27,410	48.9%	13	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bushwick South										
Census Tract 285.01	454	352	77.5%	Yes		432	193	44.7%	Yes	
Census Tract 389	2,837	1,933	68.1%	Yes		2,822	999	35.4%	Yes	
Census Tract 391	3,239	2,402	74.2%	Yes		3,239	1,338	41.3%	Yes	
Census Tract 393	3,890	2,868	73.7%	Yes		3,866	1,667	43.1%	Yes	
Census Tract 395	3,858	2,915	75.6%	Yes		3,791	1,787	47.1%	Yes	
Census Tract 397	3,553	2,907	81.8%	Yes		3,553	1,794	50.5%	Yes	
Census Tract 419	3,623	3,167	87.4%	Yes		3,623	1,608	44.4%	Yes	
Census Tract 421	4,259	3,478	81.7%	Yes		4,259	2,215	52.0%	Yes	
Census Tract 423	3,978	2,739	68.9%	Yes		3,735	1,349	36.1%	Yes	
Census Tract 425	3,338	2,453	73.5%	Yes		3,327	1,443	43.4%	Yes	
Census Tract 485	2,289	1,027	44.9%		No	2,289	727	31.8%	Yes	
Census Tract 489	3,617	3,523	97.4%	Yes		3,580	2,334	65.2%	Yes	
Census Tract 493	7,292	6,072	83.3%	Yes		7,292	4,502	61.7%	Yes	
Census Tract 401	3,162	2,600	82.2%	Yes		3,138	1,426	45.4%	Yes	
Census Tract 403	3,529	3,081	87.3%	Yes		3,521	1,456	41.4%	Yes	
Census Tract 405	1,513	1,307	86.4%	Yes		1,513	526	34.8%	Yes	
Census Tract 411	3,034	2,411	79.5%	Yes		3,022	1,417	46.9%	Yes	
Census Tract 399	3,873	3,406	87.9%	Yes		3,838	1,632	42.5%	Yes	
Census Tract 413	3,986	3,361	84.3%	Yes		3,986	1,509	37.9%	Yes	
Census Tract 415	4,353	3,864	88.8%	Yes		4,353	1,579	36.3%	Yes	
Census Tract 417	3,132	2,775	88.6%	Yes		3,132	1,831	58.5%	Yes	
TOTAL Bushwick South	72,809	58,641	80.5%	20	1	72,311	33,332	46.1%	21	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Canarsie										
Census Tract 1004	2,677	2,558	95.6%	Yes		2,677	750	28.0%	Yes	
Census Tract 1006	2,610	2,414	92.5%	Yes		2,604	890	34.2%	Yes	
Census Tract 1008	2,250	2,007	89.2%	Yes		2,240	581	25.9%		No
Census Tract 1024	2,255	2,161	95.8%	Yes		2,255	378	16.8%		No
Census Tract 1026	3,023	2,914	96.4%	Yes		3,017	507	16.8%		No
Census Tract 1028	1,680	1,644	97.9%	Yes		1,673	262	15.7%		No
Census Tract 1034	4,294	4,209	98.0%	Yes		4,294	2,487	57.9%	Yes	
Census Tract 956	4,507	4,123	91.5%	Yes		4,507	1,663	36.9%	Yes	
Census Tract 994	2,126	2,002	94.2%	Yes		2,126	415	19.5%		No
Census Tract 996	3,761	3,593	95.5%	Yes		3,761	804	21.4%		No
Census Tract 998	3,588	3,321	92.6%	Yes		3,588	506	14.1%		No
Census Tract 966	2,634	2,557	97.1%	Yes		2,623	790	30.1%	Yes	
Census Tract 968	1,713	1,679	98.0%	Yes		1,698	343	20.2%		No
Census Tract 974	2,743	2,578	94.0%	Yes		2,486	1,018	40.9%	Yes	
Census Tract 982	4,532	4,532	100.0%	Yes		4,532	3,539	78.1%	Yes	
Census Tract 984	1,998	1,920	96.1%	Yes		1,984	358	18.0%		No
Census Tract 986	2,856	2,792	97.8%	Yes		2,856	798	27.9%	Yes	
Census Tract 988	3,365	3,157	93.8%	Yes		3,082	613	19.9%		No
Census Tract 990	1,744	1,562	89.6%	Yes		1,734	307	17.7%		No
Census Tract 992	2,311	2,258	97.7%	Yes		2,311	446	19.3%		No
Census Tract 1010	2,284	2,199	96.3%	Yes		2,255	621	27.5%	Yes	
Census Tract 1012	2,288	2,229	97.4%	Yes		2,288	604	26.4%		No
Census Tract 1014	2,178	2,110	96.9%	Yes		2,157	499	23.1%		No
Census Tract 1016	1,715	1,640	95.6%	Yes		1,701	83	4.9%		No
Census Tract 1018	2,295	2,251	98.1%	Yes		2,295	354	15.4%		No
Census Tract 1020	2,217	2,137	96.4%	Yes		2,172	182	8.4%		No
Census Tract 1022	2,171	1,998	92.0%	Yes		2,171	475	21.9%		No
Census Tract 950	2,751	2,590	94.1%	Yes		2,751	620	22.5%		No
Census Tract 954	4,289	4,265	99.4%	Yes		4,289	1,001	23.3%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 958	3,345	3,188	95.3%	Yes		3,345	663	19.8%		No
Census Tract 960	-	-	0.0%		No	-	-	0.0%		No
Census Tract 962	1,838	1,745	94.9%	Yes		1,791	498	27.8%	Yes	
Census Tract 964	1,978	1,908	96.5%	Yes		1,970	393	19.9%		No
Census Tract 970	2,868	2,657	92.6%	Yes		2,855	679	23.8%		No
<b>TOTAL Canarsie</b>	<b>88,884</b>	<b>84,898</b>	<b>95.5%</b>	<b>33</b>	<b>1</b>	<b>88,088</b>	<b>24,127</b>	<b>27.4%</b>	<b>10</b>	<b>24</b>
<b>Carroll Gardens-Columbia Street-Red Hook</b>										
Census Tract 51	2,744	755	27.5%		No	2,716	336	12.4%		No
Census Tract 53	2,167	913	42.1%		No	2,167	565	26.1%		No
Census Tract 59	1,213	491	40.5%		No	1,196	276	23.1%		No
Census Tract 85	7,793	7,727	99.2%	Yes		7,793	6,705	86.0%	Yes	
Census Tract 47	1,877	771	41.1%		No	1,877	230	12.3%		No
Census Tract 49	2,612	1,098	42.0%		No	2,186	216	9.9%		No
Census Tract 63	1,866	398	21.3%		No	1,866	183	9.8%		No
Census Tract 65	5,976	999	16.7%		No	5,975	701	11.7%		No
Census Tract 67	3,886	666	17.1%		No	3,855	282	7.3%		No
Census Tract 75	4,969	1,297	26.1%		No	4,969	494	9.9%		No
Census Tract 77	5,159	1,719	33.3%		No	5,139	863	16.8%		No
Census Tract 45	3,385	734	21.7%		No	3,385	321	9.5%		No
<b>TOTAL Carroll Gardens-Columbia Street-Red Hook</b>	<b>43,647</b>	<b>17,568</b>	<b>40.3%</b>	<b>1</b>	<b>11</b>	<b>43,124</b>	<b>11,172</b>	<b>25.9%</b>	<b>1</b>	<b>11</b>
<b>Clinton Hill</b>										
Census Tract 227	3,794	2,348	61.9%	Yes		3,792	718	18.9%		No
Census Tract 229	3,675	2,151	58.5%	Yes		3,668	894	24.4%		No
Census Tract 199	3,432	1,571	45.8%		No	3,426	606	17.7%		No
Census Tract 201	3,945	1,684	42.7%		No	3,908	535	13.7%		No
Census Tract 231	3,696	2,178	58.9%	Yes		3,694	673	18.2%		No
Census Tract 235	4,694	1,859	39.6%		No	4,694	2,411	51.4%	Yes	
Census Tract 191	2,972	1,473	49.6%		No	2,926	982	33.6%	Yes	
Census Tract 193	5,882	3,848	65.4%	Yes		4,467	1,685	37.7%	Yes	
Census Tract 195	3,441	1,594	46.3%		No	3,441	455	13.2%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 197	3,714	1,684	45.3%		No	3,702	544	14.7%		No
<b>TOTAL Clinton Hill</b>	<b>39,245</b>	<b>20,390</b>	<b>52.0%</b>	<b>4</b>	<b>6</b>	<b>37,718</b>	<b>9,503</b>	<b>25.2%</b>	<b>3</b>	<b>7</b>
<b>Crown Heights North</b>										
Census Tract 219	3,557	2,540	71.4%	Yes		3,557	1,073	30.2%	Yes	
Census Tract 221	3,976	2,517	63.3%	Yes		3,969	1,585	39.9%	Yes	
Census Tract 247	2,672	2,134	79.9%	Yes		2,664	1,507	56.6%	Yes	
Census Tract 271	3,103	2,726	87.9%	Yes		3,093	1,109	35.9%	Yes	
Census Tract 297	4,253	3,591	84.4%	Yes		4,220	1,258	29.8%	Yes	
Census Tract 299	2,941	2,750	93.5%	Yes		2,762	1,064	38.5%	Yes	
Census Tract 307	5,954	5,679	95.4%	Yes		5,923	4,398	74.3%	Yes	
Census Tract 309	2,405	2,364	98.3%	Yes		2,359	1,021	43.3%	Yes	
Census Tract 311	2,924	2,688	91.9%	Yes		2,924	1,525	52.2%	Yes	
Census Tract 313	5,055	4,230	83.7%	Yes		5,024	1,853	36.9%	Yes	
Census Tract 315	4,970	3,227	64.9%	Yes		4,964	1,683	33.9%	Yes	
Census Tract 317.01	3,805	2,604	68.4%	Yes		3,784	741	19.6%		No
Census Tract 317.02	3,315	2,142	64.6%	Yes		3,315	748	22.6%		No
Census Tract 337	3,856	2,218	57.5%	Yes		3,763	1,675	44.5%	Yes	
Census Tract 339	4,538	3,661	80.7%	Yes		4,489	1,810	40.3%	Yes	
Census Tract 341	3,056	2,463	80.6%	Yes		2,728	1,017	37.3%	Yes	
Census Tract 343	5,163	4,617	89.4%	Yes		5,154	3,152	61.2%	Yes	
Census Tract 345	3,108	2,661	85.6%	Yes		3,070	1,233	40.2%	Yes	
Census Tract 347	3,350	3,276	97.8%	Yes		3,336	1,403	42.1%	Yes	
Census Tract 349	6,145	5,666	92.2%	Yes		6,126	2,962	48.4%	Yes	
Census Tract 351	4,650	3,576	76.9%	Yes		4,650	2,226	47.9%	Yes	
Census Tract 353	5,407	4,403	81.4%	Yes		5,396	2,550	47.3%	Yes	
Census Tract 357	2,328	2,280	97.9%	Yes		2,321	1,372	59.1%	Yes	
Census Tract 359	5,593	5,368	96.0%	Yes		5,550	3,322	59.9%	Yes	
Census Tract 381	5,397	4,747	88.0%	Yes		5,397	2,452	45.4%	Yes	
Census Tract 217	3,733	2,913	78.0%	Yes		3,733	1,441	38.6%	Yes	
Census Tract 305	6,528	3,557	54.5%	Yes		6,215	1,695	27.3%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
TOTAL Crown Heights North	111,782	90,598	81.0%	27	-	110,486	47,875	43.3%	25	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Crown Heights South										
Census Tract 319	3,141	1,687	53.7%	Yes		3,128	964	30.8%	Yes	
Census Tract 321	5,488	4,340	79.1%	Yes		5,472	2,088	38.2%	Yes	
Census Tract 323	3,506	2,681	76.5%	Yes		3,482	1,016	29.2%	Yes	
Census Tract 325	6,076	5,556	91.4%	Yes		6,076	2,548	41.9%	Yes	
Census Tract 331	4,058	1,572	38.7%		No	4,020	1,875	46.6%	Yes	
Census Tract 333	4,547	1,306	28.7%		No	4,547	2,486	54.7%	Yes	
Census Tract 335	3,034	888	29.3%		No	2,709	1,036	38.2%	Yes	
Census Tract 355	5,631	4,567	81.1%	Yes		5,607	2,266	40.4%	Yes	
Census Tract 213	4,113	3,357	81.6%	Yes		4,113	1,357	33.0%	Yes	
TOTAL Crown Heights South	39,594	25,954	65.6%	6	3	39,154	15,636	39.9%	9	-
Cypress Hills-City Line										
Census Tract 1142.01	1,554	1,515	97.5%	Yes		1,533	686	44.7%	Yes	
Census Tract 1142.02	3,011	2,900	96.3%	Yes		3,011	883	29.3%	Yes	
Census Tract 1146	2,852	2,741	96.1%	Yes		2,852	1,479	51.9%	Yes	
Census Tract 1172.01	2,745	2,683	97.7%	Yes		2,711	1,009	37.2%	Yes	
Census Tract 1172.02	3,756	3,579	95.3%	Yes		3,683	1,149	31.2%	Yes	
Census Tract 1174	4,143	4,106	99.1%	Yes		4,143	1,575	38.0%	Yes	
Census Tract 1176.01	3,203	3,018	94.2%	Yes		3,203	1,410	44.0%	Yes	
Census Tract 1176.02	2,841	2,682	94.4%	Yes		2,834	1,317	46.5%	Yes	
Census Tract 1178	1,694	1,675	98.9%	Yes		1,656	663	40.0%	Yes	
Census Tract 1182.01	2,868	2,727	95.1%	Yes		2,868	925	32.3%	Yes	
Census Tract 1184	5,105	4,935	96.7%	Yes		5,086	2,407	47.3%	Yes	
Census Tract 1186	2,960	2,839	95.9%	Yes		2,944	788	26.8%		No
Census Tract 1188	4,536	4,198	92.5%	Yes		4,496	2,285	50.8%	Yes	
Census Tract 1190	2,220	2,175	98.0%	Yes		2,214	1,187	53.6%	Yes	
Census Tract 1202	1,933	1,892	97.9%	Yes		1,933	1,128	58.4%	Yes	
Census Tract 1182.02	3,317	3,262	98.3%	Yes		3,317	1,596	48.1%	Yes	
TOTAL Cypress Hills-City Line	48,738	46,927	96.3%	16	-	48,484	20,487	42.3%	15	1



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
DUMBO-Vinegar Hill-Downtown Brooklyn-Boerum Hill										
Census Tract 39	2,262	1,010	44.7%		No	2,262	211	9.3%		No
Census Tract 41	3,654	1,136	31.1%		No	3,377	415	12.3%		No
Census Tract 69	3,591	721	20.1%		No	3,581	300	8.4%		No
Census Tract 71	5,050	4,143	82.0%	Yes		5,044	2,482	49.2%	Yes	
Census Tract 127	4,318	2,910	67.4%	Yes		4,289	2,138	49.8%	Yes	
Census Tract 11	1,468	603	41.1%		No	1,468	178	12.1%		No
Census Tract 13	1,917	743	38.8%		No	1,917	542	28.3%	Yes	
Census Tract 15	9,011	6,442	71.5%	Yes		8,995	3,063	34.1%	Yes	
Census Tract 21	5,106	1,325	25.9%		No	5,096	283	5.6%		No
Census Tract 23	4,219	4,187	99.2%	Yes		4,145	3,189	76.9%	Yes	
Census Tract 37	2,250	846	37.6%		No	2,163	230	10.6%		No
Census Tract 43	3,727	1,465	39.3%		No	3,603	511	14.2%		No
TOTAL DUMBO-Vinegar Hill-Downtown Brooklyn-Boerum H	46,573	25,531	54.8%	4	8	45,940	13,542	29.5%	5	7

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Dyker Heights										
Census Tract 128.01	2,293	1,609	70.2%	Yes		2,293	1,491	65.0%	Yes	
Census Tract 196	4,214	2,773	65.8%	Yes		4,180	1,963	47.0%	Yes	
Census Tract 198	1,926	1,141	59.2%	Yes		1,909	689	36.1%	Yes	
Census Tract 212	4,334	3,390	78.2%	Yes		4,292	2,638	61.5%	Yes	
Census Tract 132	2,372	1,592	67.1%	Yes		2,368	1,216	51.4%	Yes	
Census Tract 140	1,986	755	38.0%		No	1,979	530	26.8%		No
Census Tract 148	1,213	361	29.8%		No	1,213	244	20.1%		No
Census Tract 150	1,598	536	33.5%		No	1,585	265	16.7%		No
Census Tract 152	2,499	1,075	43.0%		No	2,365	457	19.3%		No
Census Tract 166	1,791	329	18.4%		No	1,791	227	12.7%		No
Census Tract 200	2,417	1,387	57.4%	Yes		2,405	779	32.4%	Yes	
Census Tract 202	1,963	835	42.5%		No	1,944	501	25.8%		No
Census Tract 204	1,837	586	31.9%		No	1,837	400	21.8%		No
Census Tract 206	2,311	964	41.7%		No	2,311	530	22.9%		No
Census Tract 208	3,092	2,184	70.6%	Yes		3,086	1,237	40.1%	Yes	
Census Tract 210	3,967	2,854	71.9%	Yes		3,967	2,000	50.4%	Yes	
Census Tract 194	4,027	3,211	79.7%	Yes		4,023	2,435	60.5%	Yes	
TOTAL Dyker Heights	43,840	25,582	58.4%	9	8	43,548	17,602	40.4%	9	8

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
East Flatbush-Farragut										
Census Tract 780	2,161	2,106	97.5%	Yes		2,159	319	14.8%		No
Census Tract 784	2,386	2,250	94.3%	Yes		2,360	616	26.1%		No
Census Tract 782	4,923	4,880	99.1%	Yes		4,923	1,784	36.2%	Yes	
Census Tract 814	2,770	2,712	97.9%	Yes		2,763	1,180	42.7%	Yes	
Census Tract 816	2,653	2,483	93.6%	Yes		2,626	1,263	48.1%	Yes	
Census Tract 830	6,306	6,229	98.8%	Yes		6,306	2,510	39.8%	Yes	
Census Tract 832	2,127	2,125	99.9%	Yes		2,125	700	32.9%	Yes	
Census Tract 834	1,745	1,745	100.0%	Yes		1,722	621	36.1%	Yes	
Census Tract 836	2,017	2,017	100.0%	Yes		2,017	503	24.9%		No
Census Tract 838	2,073	2,071	99.9%	Yes		2,060	473	23.0%		No
Census Tract 840	2,520	2,487	98.7%	Yes		2,493	584	23.4%		No
Census Tract 850	1,489	1,489	100.0%	Yes		1,489	342	23.0%		No
Census Tract 854	1,966	1,906	96.9%	Yes		1,958	632	32.3%	Yes	
Census Tract 856	3,384	3,279	96.9%	Yes		3,384	1,099	32.5%	Yes	
Census Tract 858	2,107	2,101	99.7%	Yes		2,107	427	20.3%		No
Census Tract 860	3,627	3,616	99.7%	Yes		3,623	941	26.0%		No
Census Tract 870	3,125	2,999	96.0%	Yes		3,125	1,440	46.1%	Yes	
Census Tract 872	3,130	2,955	94.4%	Yes		3,120	1,263	40.5%	Yes	
Census Tract 932	1,124	1,098	97.7%	Yes		1,124	158	14.1%		No
TOTAL East Flatbush-Farragut	51,633	50,548	97.9%	19	-	51,484	16,855	32.7%	10	9

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
East New York										
Census Tract 1070	2,330	2,257	96.9%	Yes		2,330	847	36.4%	Yes	
Census Tract 1078	4,662	4,594	98.5%	Yes		4,658	1,366	29.3%	Yes	
Census Tract 1098	2,359	2,234	94.7%	Yes		2,353	1,032	43.9%	Yes	
Census Tract 1104	4,407	4,353	98.8%	Yes		4,370	1,735	39.7%	Yes	
Census Tract 1106	4,191	4,191	100.0%	Yes		4,191	2,947	70.3%	Yes	
Census Tract 1110	2,986	2,853	95.5%	Yes		2,986	1,853	62.1%	Yes	
Census Tract 1116	3,624	3,526	97.3%	Yes		3,306	1,761	53.3%	Yes	
Census Tract 1118	3,639	3,505	96.3%	Yes		3,583	1,873	52.3%	Yes	
Census Tract 1120	3,105	3,095	99.7%	Yes		3,105	1,380	44.4%	Yes	
Census Tract 1124	3,054	3,007	98.5%	Yes		3,054	1,457	47.7%	Yes	
Census Tract 1150	2,557	2,532	99.0%	Yes		2,557	1,358	53.1%	Yes	
Census Tract 1152	3,122	2,962	94.9%	Yes		3,112	1,464	47.0%	Yes	
Census Tract 1160	2,324	2,298	98.9%	Yes		2,315	1,180	51.0%	Yes	
Census Tract 1162	2,429	2,429	100.0%	Yes		2,391	1,230	51.4%	Yes	
Census Tract 1164	3,596	3,596	100.0%	Yes		3,585	1,592	44.4%	Yes	
Census Tract 1166	3,128	2,999	95.9%	Yes		3,117	1,155	37.1%	Yes	
Census Tract 1168	2,028	1,999	98.6%	Yes		2,028	681	33.6%	Yes	
Census Tract 1170	1,791	1,779	99.3%	Yes		1,791	945	52.8%	Yes	
Census Tract 1192	3,090	3,051	98.7%	Yes		3,090	1,182	38.3%	Yes	
Census Tract 1194	4,892	4,730	96.7%	Yes		4,871	2,897	59.5%	Yes	
Census Tract 1196	4,993	4,784	95.8%	Yes		4,976	2,612	52.5%	Yes	
Census Tract 1198	3,671	3,456	94.1%	Yes		3,426	1,715	50.1%	Yes	
Census Tract 1200	2,630	2,585	98.3%	Yes		2,619	1,494	57.0%	Yes	
Census Tract 1208	10,413	10,116	97.1%	Yes		10,278	4,199	40.9%	Yes	
Census Tract 1210	4,196	4,196	100.0%	Yes		4,196	2,843	67.8%	Yes	
Census Tract 1214	4,820	4,820	100.0%	Yes		4,820	3,719	77.2%	Yes	
Census Tract 1220	5,945	5,895	99.2%	Yes		5,945	3,284	55.2%	Yes	
TOTAL East New York	99,982	97,842	97.9%	27	-	99,053	49,801	50.3%	27	-



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
East New York (Pennsylvania Ave)										
Census Tract 1122	3,168	3,143	99.2%	Yes		3,134	1,467	46.8%	Yes	
Census Tract 1126	3,237	3,202	98.9%	Yes		3,134	1,371	43.7%	Yes	
Census Tract 1128	3,764	3,458	91.9%	Yes		3,722	1,783	47.9%	Yes	
Census Tract 1130	3,699	3,655	98.8%	Yes		3,699	1,542	41.7%	Yes	
Census Tract 1132	1,973	1,924	97.5%	Yes		1,963	653	33.3%	Yes	
Census Tract 1134	3,105	3,055	98.4%	Yes		3,049	2,178	71.4%	Yes	
Census Tract 1144	2,545	2,428	95.4%	Yes		2,517	1,289	51.2%	Yes	
Census Tract 1156	3,924	3,924	100.0%	Yes		3,924	2,545	64.9%	Yes	
Census Tract 1158	2,878	2,825	98.2%	Yes		2,877	1,314	45.7%	Yes	
TOTAL East New York (Pennsylvania Ave)	28,293	27,614	97.6%	9	-	28,019	14,142	50.5%	9	-
East Williamsburg										
Census Tract 449	3,210	2,722	84.8%	Yes		3,189	2,323	72.8%	Yes	
Census Tract 477	3,835	818	21.3%		No	3,815	459	12.0%		No
Census Tract 481	2,967	1,398	47.1%		No	2,967	710	23.9%		No
Census Tract 491	7,069	5,686	80.4%	Yes		7,069	2,623	37.1%	Yes	
Census Tract 495	2,600	1,076	41.4%		No	2,575	654	25.4%		No
Census Tract 497	2,717	936	34.4%		No	2,717	480	17.7%		No
Census Tract 501	3,177	925	29.1%		No	3,177	677	21.3%		No
Census Tract 503	2,670	1,076	40.3%		No	2,670	558	20.9%		No
Census Tract 505	4,009	2,986	74.5%	Yes		4,009	1,741	43.4%	Yes	
Census Tract 511	4,333	2,831	65.3%	Yes		4,319	2,063	47.8%	Yes	
TOTAL East Williamsburg	36,587	20,454	55.9%	4	6	36,507	12,288	33.7%	4	6

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Erasmus										
Census Tract 818	4,528	4,127	91.1%	Yes		4,228	1,270	30.0%	Yes	
Census Tract 824	4,910	4,805	97.9%	Yes		4,910	1,365	27.8%	Yes	
Census Tract 826	4,911	4,495	91.5%	Yes		4,911	1,232	25.1%		No
Census Tract 828	3,706	3,456	93.3%	Yes		3,693	1,502	40.7%	Yes	
Census Tract 790	5,096	4,971	97.5%	Yes		5,086	1,848	36.3%	Yes	
Census Tract 792	3,488	3,112	89.2%	Yes		3,488	1,130	32.4%	Yes	
Census Tract 794	1,716	1,581	92.1%	Yes		1,716	906	52.8%	Yes	
TOTAL Erasmus	28,355	26,547	93.6%	7	-	28,032	9,253	33.0%	6	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Flatbush										
Census Tract 772	3,114	1,905	61.2%	Yes		3,099	758	24.5%		No
Census Tract 774	3,250	2,691	82.8%	Yes		3,250	693	21.3%		No
Census Tract 786	4,753	4,314	90.8%	Yes		4,753	1,998	42.0%	Yes	
Census Tract 460	3,131	1,570	50.1%	Yes		3,119	1,419	45.5%	Yes	
Census Tract 462.01	2,281	444	19.5%		No	2,281	1,454	63.7%	Yes	
Census Tract 480	3,675	1,613	43.9%		No	3,675	2,221	60.4%	Yes	
Census Tract 482	4,885	2,679	54.8%	Yes		4,885	2,234	45.7%	Yes	
Census Tract 528	1,799	725	40.3%		No	1,783	482	27.0%	Yes	
Census Tract 764	3,602	2,528	70.2%	Yes		3,558	1,112	31.3%	Yes	
Census Tract 766	2,103	1,846	87.8%	Yes		2,081	603	29.0%	Yes	
Census Tract 516.01	5,252	4,849	92.3%	Yes		5,240	2,080	39.7%	Yes	
Census Tract 516.02	3,895	3,580	91.9%	Yes		3,787	1,372	36.2%	Yes	
Census Tract 788	3,528	3,484	98.8%	Yes		3,473	1,774	51.1%	Yes	
Census Tract 506	5,205	4,192	80.5%	Yes		5,177	2,123	41.0%	Yes	
Census Tract 508.01	4,075	3,639	89.3%	Yes		4,075	1,901	46.7%	Yes	
Census Tract 508.03	2,522	2,026	80.3%	Yes		2,520	1,269	50.4%	Yes	
Census Tract 508.04	6,083	4,904	80.6%	Yes		6,083	2,502	41.1%	Yes	
Census Tract 510.01	4,092	3,792	92.7%	Yes		4,092	2,009	49.1%	Yes	
Census Tract 510.02	4,858	4,309	88.7%	Yes		4,845	2,064	42.6%	Yes	
Census Tract 512	5,936	4,589	77.3%	Yes		5,925	2,046	34.5%	Yes	
Census Tract 514	7,834	6,654	84.9%	Yes		7,834	2,887	36.9%	Yes	
Census Tract 518	3,328	2,385	71.7%	Yes		3,318	1,135	34.2%	Yes	
Census Tract 520	3,874	2,349	60.6%	Yes		3,874	1,385	35.8%	Yes	
Census Tract 526	4,491	2,648	59.0%	Yes		4,470	1,763	39.4%	Yes	
Census Tract 770	2,820	2,459	87.2%	Yes		2,629	1,170	44.5%	Yes	
Census Tract 1522	3,717	2,183	58.7%	Yes		3,700	885	23.9%		No
Census Tract 650	1,642	1,261	76.8%	Yes		1,637	526	32.1%	Yes	
Census Tract 672	1,640	1,426	87.0%	Yes		1,640	292	17.8%		No
Census Tract 674	1,920	1,651	86.0%	Yes		1,920	516	26.9%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 676	1,760	1,646	93.5%	Yes		1,754	327	18.6%		No
Census Tract 678	2,852	2,618	91.8%	Yes		2,839	529	18.6%		No
Census Tract 680	2,185	2,049	93.8%	Yes		2,185	769	35.2%	Yes	
Census Tract 682	2,832	2,347	82.9%	Yes		2,815	389	13.8%		No
Census Tract 690	2,082	1,775	85.3%	Yes		2,077	402	19.4%		No
Census Tract 692	2,734	2,571	94.0%	Yes		2,714	258	9.5%		No
Census Tract 720	2,019	1,896	93.9%	Yes		2,019	327	16.2%		No
Census Tract 722	2,881	2,791	96.9%	Yes		2,881	586	20.3%		No
Census Tract 724	1,979	1,923	97.2%	Yes		1,979	512	25.9%		No
Census Tract 726	2,343	2,287	97.6%	Yes		2,343	301	12.8%		No
Census Tract 728	3,946	3,845	97.4%	Yes		3,946	626	15.9%		No
Census Tract 730	2,278	2,181	95.7%	Yes		2,278	390	17.1%		No
Census Tract 732	2,195	2,157	98.3%	Yes		2,164	435	20.1%		No
Census Tract 734	1,776	1,738	97.9%	Yes		1,776	251	14.1%		No
Census Tract 736	3,198	3,043	95.2%	Yes		3,176	847	26.7%		No
Census Tract 738	3,977	2,743	69.0%	Yes		3,977	2,045	51.4%	Yes	
Census Tract 740	3,598	3,212	89.3%	Yes		3,588	879	24.5%		No
Census Tract 742	3,136	1,685	53.7%	Yes		3,122	963	30.8%	Yes	
Census Tract 744	2,777	482	17.4%		No	2,777	415	14.9%		No
Census Tract 746	2,577	879	34.1%		No	2,501	523	20.9%		No
Census Tract 776	3,732	3,498	93.7%	Yes		3,732	1,198	32.1%	Yes	
Census Tract 944.02	3,248	3,190	98.2%	Yes		3,248	2,451	75.5%	Yes	
Census Tract 944.01	3,534	3,457	97.8%	Yes		3,516	860	24.5%		No
Census Tract 688	1,719	1,326	77.1%	Yes		1,709	207	12.1%		No
<b>TOTAL Flatlands</b>	<b>174,663</b>	<b>138,034</b>	<b>79.0%</b>	<b>48</b>	<b>5</b>	<b>173,839</b>	<b>59,163</b>	<b>34.0%</b>	<b>29</b>	<b>24</b>



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Fort Greene										
Census Tract 35	1,907	1,017	53.3%	Yes		1,904	405	21.3%		No
Census Tract 179	4,348	3,401	78.2%	Yes		4,002	1,393	34.8%	Yes	
Census Tract 181	3,691	1,638	44.4%		No	3,685	498	13.5%		No
Census Tract 29.01	4,447	4,340	97.6%	Yes		4,386	2,992	68.2%	Yes	
Census Tract 31	3,259	1,924	59.0%	Yes		2,350	209	8.9%		No
Census Tract 33	4,202	2,342	55.7%	Yes		4,190	643	15.3%		No
Census Tract 183	2,675	907	33.9%		No	2,671	375	14.0%		No
Census Tract 185.01	4,153	3,823	92.1%	Yes		4,144	3,023	72.9%	Yes	
Census Tract 187	1,488	838	56.3%	Yes		1,478	489	33.1%	Yes	
Census Tract 211	2,206	1,815	82.3%	Yes		2,186	743	34.0%	Yes	
TOTAL Fort Greene	32,376	22,045	68.1%	8	2	30,996	10,770	34.7%	5	5

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Georgetown-Marine Park-Bergen Beach-Mill Basin										
Census Tract 636	1,289	501	38.9%		No	1,289	172	13.3%		No
Census Tract 640	1,742	453	26.0%		No	1,737	132	7.6%		No
Census Tract 644	2,855	1,035	36.3%		No	2,850	599	21.0%		No
Census Tract 646	2,190	409	18.7%		No	2,190	358	16.3%		No
Census Tract 648	2,194	791	36.1%		No	2,194	257	11.7%		No
Census Tract 652	1,094	170	15.5%		No	1,094	106	9.7%		No
Census Tract 654	1,437	323	22.5%		No	1,437	245	17.0%		No
Census Tract 656	1,725	530	30.7%		No	1,725	145	8.4%		No
Census Tract 658	1,798	640	35.6%		No	1,798	302	16.8%		No
Census Tract 660	2,050	522	25.5%		No	2,045	93	4.5%		No
Census Tract 662	1,501	490	32.6%		No	1,501	206	13.7%		No
Census Tract 670	2,934	2,384	81.3%	Yes		2,934	498	17.0%		No
Census Tract 706	3,137	616	19.6%		No	3,137	464	14.8%		No
Census Tract 686	1,718	872	50.8%	Yes		1,707	202	11.8%		No
Census Tract 696.01	3,248	1,879	57.9%	Yes		3,248	721	22.2%		No
Census Tract 696.02	5,812	1,907	32.8%		No	5,812	1,754	30.2%	Yes	
Census Tract 700	1,604	116	7.2%		No	1,604	260	16.2%		No
Census Tract 702.01	6,402	956	14.9%		No	6,402	1,026	16.0%		No
Census Tract 698	1,449	587	40.5%		No	1,449	219	15.1%		No
TOTAL Georgetown-Marine Park-Bergen Beach-Mill Basin	46,179	15,181	32.9%	3	16	46,153	7,759	16.8%	1	18
Gravesend										
Census Tract 306	1,736	1,082	62.3%	Yes		1,724	712	41.3%	Yes	
Census Tract 308	1,980	729	36.8%		No	1,971	826	41.9%	Yes	
Census Tract 314	4,978	1,695	34.0%		No	4,967	1,212	24.4%		No
Census Tract 374.01	4,376	1,353	30.9%		No	4,364	1,351	31.0%	Yes	
Census Tract 374.02	4,937	2,199	44.5%		No	4,937	2,749	55.7%	Yes	
Census Tract 382	5,740	5,586	97.3%	Yes		5,738	4,044	70.5%	Yes	
Census Tract 386	3,669	2,361	64.4%	Yes		3,669	1,108	30.2%	Yes	
Census Tract 398	2,878	2,062	71.6%	Yes		2,851	1,154	40.5%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Gravesend</b>	<b>30,294</b>	<b>17,067</b>	<b>56.3%</b>	<b>4</b>	<b>4</b>	<b>30,221</b>	<b>13,156</b>	<b>43.5%</b>	<b>7</b>	<b>1</b>
<b>Greenpoint</b>										
Census Tract 499	1,785	392	22.0%		No	1,785	280	15.7%		No
Census Tract 569	1,691	335	19.8%		No	1,691	298	17.6%		No
Census Tract 571	4,038	691	17.1%		No	4,038	953	23.6%		No
Census Tract 573	2,457	583	23.7%		No	2,457	592	24.1%		No
Census Tract 575	3,983	839	21.1%		No	3,973	792	19.9%		No
Census Tract 579	1,165	621	53.3%	Yes		1,165	465	39.9%	Yes	
Census Tract 589	1,691	281	16.6%		No	1,691	225	13.3%		No
Census Tract 591	3,638	756	20.8%		No	3,605	592	16.4%		No
Census Tract 593	2,022	524	25.9%		No	2,022	418	20.7%		No
Census Tract 561	3,538	884	25.0%		No	3,508	593	16.9%		No
Census Tract 563	5,390	2,350	43.6%		No	5,389	1,477	27.4%	Yes	
Census Tract 565	3,156	778	24.7%		No	3,130	511	16.3%		No
<b>TOTAL Greenpoint</b>	<b>34,554</b>	<b>9,034</b>	<b>26.1%</b>	<b>1</b>	<b>11</b>	<b>34,454</b>	<b>7,196</b>	<b>20.9%</b>	<b>2</b>	<b>10</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Homecrest										
Census Tract 388	4,094	1,339	32.7%		No	4,085	1,476	36.1%	Yes	
Census Tract 390	2,397	316	13.2%		No	2,386	874	36.6%	Yes	
Census Tract 392	2,880	390	13.5%		No	2,880	729	25.3%		No
Census Tract 394	2,338	484	20.7%		No	2,338	899	38.5%	Yes	
Census Tract 396	2,058	368	17.9%		No	2,058	676	32.8%	Yes	
Census Tract 414.01	1,541	322	20.9%		No	1,525	700	45.9%	Yes	
Census Tract 414.02	1,824	217	11.9%		No	1,824	739	40.5%	Yes	
Census Tract 416	2,338	410	17.5%		No	2,338	964	41.2%	Yes	
Census Tract 418	2,960	607	20.5%		No	2,944	1,648	56.0%	Yes	
Census Tract 420	1,837	194	10.6%		No	1,837	810	44.1%	Yes	
Census Tract 422	3,535	1,433	40.5%		No	3,535	1,433	40.5%	Yes	
Census Tract 554	4,328	1,347	31.1%		No	4,313	1,940	45.0%	Yes	
Census Tract 556	3,397	708	20.8%		No	3,384	1,268	37.5%	Yes	
Census Tract 582	2,542	1,287	50.6%	Yes		2,542	962	37.8%	Yes	
Census Tract 584	3,479	1,217	35.0%		No	3,479	999	28.7%	Yes	
Census Tract 588	3,269	969	29.6%		No	3,262	927	28.4%	Yes	
TOTAL Homecrest	44,817	11,608	25.9%	1	15	44,730	17,044	38.1%	15	1
Kensington-Ocean Parkway										
Census Tract 484	5,574	2,047	36.7%		No	5,522	2,921	52.9%	Yes	Yes
Census Tract 486	3,200	2,226	69.6%	Yes		3,200	1,717	53.7%	Yes	Yes
Census Tract 488	3,896	1,942	49.8%		No	3,896	1,794	46.0%	Yes	Yes
Census Tract 490	5,601	2,885	51.5%	Yes		5,588	2,159	38.6%	Yes	Yes
Census Tract 492	2,688	1,203	44.8%		No	2,647	1,245	47.0%	Yes	Yes
Census Tract 494	5,707	2,927	51.3%	Yes		5,564	1,967	35.4%	Yes	Yes
Census Tract 496	4,093	2,594	63.4%	Yes		4,004	1,578	39.4%	Yes	Yes
Census Tract 498	4,139	2,377	57.4%	Yes		4,139	1,074	25.9%		
TOTAL Kensington-Ocean Parkway	34,898	18,201	52.2%	5	3	34,560	14,455	41.8%	7	-



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Madison										
Census Tract 548	2,090	174	8.3%		No	2,074	621	29.9%	Yes	Yes
Census Tract 550	3,382	898	26.6%		No	3,371	1,070	31.7%	Yes	Yes
Census Tract 560	3,482	419	12.0%		No	3,481	1,074	30.9%	Yes	Yes
Census Tract 562	1,655	205	12.4%		No	1,655	584	35.3%	Yes	Yes
Census Tract 564	2,523	714	28.3%		No	2,517	512	20.3%		
Census Tract 566	2,749	1,313	47.8%		No	2,749	528	19.2%		
Census Tract 568	1,455	581	39.9%		No	1,455	289	19.9%		
Census Tract 574	2,858	1,618	56.6%	Yes		2,847	850	29.9%	Yes	Yes
Census Tract 576	3,041	1,844	60.6%	Yes		3,035	778	25.6%		
Census Tract 578	3,260	1,741	53.4%	Yes		3,240	1,473	45.5%	Yes	Yes
Census Tract 638	2,023	761	37.6%		No	2,014	293	14.5%		
Census Tract 642	2,227	562	25.2%		No	2,227	606	27.2%	Yes	Yes
Census Tract 552	3,477	1,131	32.5%		No	3,452	908	26.3%		
Census Tract 558	2,492	961	38.6%		No	2,480	737	29.7%	Yes	Yes
Census Tract 580	4,402	2,809	63.8%	Yes		4,402	1,664	37.8%	Yes	Yes
TOTAL Madison	41,116	15,731	38.3%	4	11	40,999	11,987	29.2%	9	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Midwood										
Census Tract 546	4,782	1,263	26.4%		No	4,772	2,346	49.2%	Yes	
Census Tract 748	1,957	480	24.5%		No	1,957	469	24.0%		No
Census Tract 750	2,857	714	25.0%		No	2,856	957	33.5%	Yes	
Census Tract 752	1,031	18	1.7%		No	1,031	39	3.8%		No
Census Tract 754	1,294	14	1.1%		No	1,294	172	13.3%		No
Census Tract 756	2,150	442	20.6%		No	2,150	264	12.3%		No
Census Tract 758	1,653	233	14.1%		No	1,653	356	21.5%		No
Census Tract 456	2,170	1,029	47.4%		No	2,170	1,148	52.9%	Yes	
Census Tract 458	1,324	211	15.9%		No	1,324	172	13.0%		No
Census Tract 530	4,060	1,733	42.7%		No	4,058	2,067	50.9%	Yes	
Census Tract 532	2,789	1,130	40.5%		No	2,789	1,022	36.6%	Yes	
Census Tract 534	4,232	1,795	42.4%		No	4,039	2,240	55.5%	Yes	
Census Tract 538	5,180	1,765	34.1%		No	5,124	1,678	32.7%	Yes	
Census Tract 542	4,008	661	16.5%		No	4,008	1,571	39.2%	Yes	
Census Tract 544	3,487	914	26.2%		No	3,487	1,405	40.3%	Yes	
Census Tract 760	2,930	348	11.9%		No	2,930	999	34.1%	Yes	
Census Tract 762	4,285	1,693	39.5%		No	4,261	1,967	46.2%	Yes	
Census Tract 768	3,219	651	20.2%		No	3,179	1,460	45.9%	Yes	
TOTAL Midwood	53,408	15,094	28.3%	-	18	53,082	20,332	38.3%	12	6

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
North Side-South Side										
Census Tract 513	5,397	2,634	48.8%		No	5,397	1,413	26.2%		No
Census Tract 515	2,443	829	33.9%		No	2,443	183	7.5%		No
Census Tract 517	2,581	666	25.8%		No	2,581	444	17.2%		No
Census Tract 519	5,066	1,426	28.1%		No	5,066	723	14.3%		No
Census Tract 523	4,854	2,959	61.0%	Yes		4,854	1,895	39.0%	Yes	
Census Tract 525	3,270	1,460	44.6%		No	3,270	2,220	67.9%	Yes	
Census Tract 527	6,490	4,848	74.7%	Yes		6,481	2,508	38.7%	Yes	
Census Tract 547	5,724	1,541	26.9%		No	5,693	3,443	60.5%	Yes	
Census Tract 549	4,171	1,479	35.5%		No	4,150	1,246	30.0%	Yes	
Census Tract 551	5,361	3,209	59.9%	Yes		5,361	1,195	22.3%		No
Census Tract 553	2,740	700	25.5%		No	2,717	609	22.4%		No
Census Tract 555	7,696	3,012	39.1%		No	7,696	1,086	14.1%		No
Census Tract 557	1,981	774	39.1%		No	1,981	447	22.6%		No
TOTAL North Side-South Side	57,774	25,537	44.2%	3	10	57,690	17,412	30.2%	5	8
Ocean Hill										
Census Tract 301	2,963	2,768	93.4%	Yes		2,953	1,264	42.8%	Yes	
Census Tract 303	4,914	4,816	98.0%	Yes		4,827	2,300	47.6%	Yes	
Census Tract 361	2,787	2,629	94.3%	Yes		2,676	1,568	58.6%	Yes	
Census Tract 363	5,044	4,843	96.0%	Yes		5,044	2,757	54.7%	Yes	
Census Tract 365.01	3,417	3,409	99.8%	Yes		3,402	1,838	54.0%	Yes	
Census Tract 365.02	1,415	1,365	96.5%	Yes		1,410	747	53.0%	Yes	
Census Tract 367	1,281	1,208	94.3%	Yes		1,281	345	26.9%	Yes	
Census Tract 369	5,787	5,320	91.9%	Yes		5,761	3,089	53.6%	Yes	
Census Tract 371	4,711	4,248	90.2%	Yes		4,711	1,230	26.1%		No
Census Tract 373	4,486	3,789	84.5%	Yes		4,454	2,327	52.2%	Yes	
TOTAL Ocean Hill	36,805	34,395	93.5%	10	-	36,519	17,465	47.8%	9	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Ocean Parkway South										
Census Tract 438	2,620	579	22.1%		No	2,616	1,299	49.7%	Yes	
Census Tract 440	2,809	591	21.0%		No	2,809	1,235	44.0%	Yes	
Census Tract 442	2,945	438	14.9%		No	2,945	762	25.9%		No
Census Tract 444	3,589	573	16.0%		No	3,589	1,352	37.7%	Yes	
Census Tract 448	1,698	317	18.7%		No	1,676	599	35.7%	Yes	
Census Tract 450	566	47	8.3%		No	566	269	47.5%	Yes	
Census Tract 452	2,514	144	5.7%		No	2,508	584	23.3%		No
Census Tract 454	1,681	322	19.2%		No	1,681	713	42.4%	Yes	
Census Tract 462.02	1,942	277	14.3%		No	1,936	907	46.8%	Yes	
TOTAL Ocean Parkway South	20,364	3,288	16.1%	-	9	20,326	7,720	38.0%	7	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Park Slope-Gowanus										
Census Tract 117	2,677	1,251	46.7%		No	2,665	614	23.0%		No
Census Tract 119	1,322	477	36.1%		No	1,322	322	24.4%		No
Census Tract 121	1,962	927	47.2%		No	1,962	464	23.6%		No
Census Tract 129.01	2,387	913	38.2%		No	2,379	542	22.8%		No
Census Tract 129.02	2,554	1,075	42.1%		No	2,538	465	18.3%		No
Census Tract 131	4,155	1,744	42.0%		No	4,123	836	20.3%		No
Census Tract 133	4,454	1,443	32.4%		No	4,454	381	8.6%		No
Census Tract 135	4,014	1,014	25.3%		No	4,014	594	14.8%		No
Census Tract 137	3,554	1,376	38.7%		No	3,538	620	17.5%		No
Census Tract 139	3,650	1,269	34.8%		No	3,551	417	11.7%		No
Census Tract 141	2,766	1,168	42.2%		No	2,766	547	19.8%		No
Census Tract 143	3,672	1,871	51.0%	Yes		3,672	492	13.4%		No
Census Tract 149	5,859	1,961	33.5%		No	5,846	795	13.6%		No
Census Tract 151	4,240	1,348	31.8%		No	4,199	261	6.2%		No
Census Tract 153	2,622	772	29.4%		No	2,526	248	9.8%		No
Census Tract 155	3,993	977	24.5%		No	3,993	264	6.6%		No
Census Tract 157	4,111	1,148	27.9%		No	4,111	449	10.9%		No
Census Tract 159	4,804	1,094	22.8%		No	4,732	490	10.4%		No
Census Tract 165	5,919	1,339	22.6%		No	5,919	430	7.3%		No
Census Tract 167	5,422	1,118	20.6%		No	5,387	364	6.8%		No
TOTAL Park Slope-Gowanus	74,137	24,285	32.8%	1	19	73,697	9,595	13.0%	-	20



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
park-cemetery-etc-Brooklyn										
Census Tract 154	11	11	100.0%	Yes		11	11	100.0%	Yes	
Census Tract 852	26	26	100.0%	Yes		26	-	0.0%		No
Census Tract 175	-	-	0.0%		No	-	-	0.0%		No
Census Tract 177	-	-	0.0%		No	-	-	0.0%		No
Census Tract 543	283	105	37.1%		No	283	62	21.9%		No
Census Tract 702.02	8	-	0.0%		No	8	-	0.0%		No
Census Tract 702.03	-	-	0.0%		No	-	-	0.0%		No
Census Tract 666	-	-	0.0%		No	-	-	0.0%		No
Census Tract 407	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1180	-	-	0.0%		No	-	-	0.0%		No
TOTAL park-cemetery-etc-Brooklyn	328	142	43.3%	2	8	328	73	22.3%	1	9
Prospect Heights										
Census Tract 161	3,595	1,520	42.3%			3,573	551	15.4%		
Census Tract 163	3,388	997	29.4%			3,388	620	18.3%		
Census Tract 203	1,826	1,146	62.8%	Yes		1,826	299	16.4%		
Census Tract 205	3,128	1,433	45.8%			3,128	429	13.7%		
Census Tract 207	4,726	1,940	41.0%			4,726	649	13.7%		
Census Tract 215	5,638	3,352	59.5%	Yes		5,638	1,466	26.0%		
TOTAL Prospect Heights	22,301	10,388	46.6%	2	-	22,279	4,014	18.0%	-	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Prospect Lefferts Gardens-Wingate										
Census Tract 327	2,544	2,126	83.6%	Yes		2,544	878	34.5%	Yes	Yes
Census Tract 329	6,105	3,861	63.2%	Yes		6,105	3,127	51.2%	Yes	Yes
Census Tract 804	3,191	2,855	89.5%	Yes		3,191	1,048	32.8%	Yes	Yes
Census Tract 806	3,355	2,238	66.7%	Yes		3,355	1,451	43.2%	Yes	Yes
Census Tract 808	1,326	1,209	91.2%	Yes		752	554	73.7%	Yes	Yes
Census Tract 810	2,322	1,903	82.0%	Yes		2,240	763	34.1%	Yes	Yes
Census Tract 820	5,175	4,969	96.0%	Yes		5,166	2,751	53.3%	Yes	Yes
Census Tract 874.01	3,759	3,485	92.7%	Yes		3,722	1,778	47.8%	Yes	Yes
Census Tract 876	1,709	1,360	79.6%	Yes		1,696	566	33.4%	Yes	Yes
Census Tract 878	2,647	2,610	98.6%	Yes		2,164	821	37.9%	Yes	Yes
Census Tract 880	2,725	2,508	92.0%	Yes		2,725	736	27.0%	Yes	Yes
Census Tract 796.01	4,536	3,449	76.0%	Yes		4,536	1,705	37.6%	Yes	Yes
Census Tract 796.02	4,797	4,177	87.1%	Yes		4,775	1,597	33.4%	Yes	Yes
Census Tract 798.01	2,869	1,921	67.0%	Yes		2,869	803	28.0%	Yes	Yes
Census Tract 798.02	5,441	3,988	73.3%	Yes		5,441	1,879	34.5%	Yes	Yes
Census Tract 800	3,689	2,747	74.5%	Yes		3,679	668	18.2%		
Census Tract 802	4,578	3,916	85.5%	Yes		4,528	1,528	33.7%	Yes	Yes
Census Tract 822	7,170	6,286	87.7%	Yes		7,062	2,760	39.1%	Yes	Yes
TOTAL Prospect Lefferts Gardens-Wingate	67,938	55,608	81.9%	18	-	66,550	25,413	38.2%	17	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Rugby-Remsen Village										
Census Tract 846	2,023	1,941	95.9%	Yes		2,023	598	29.6%	Yes	
Census Tract 848	1,701	1,696	99.7%	Yes		1,690	300	17.8%		No
Census Tract 862	2,821	2,685	95.2%	Yes		2,821	1,053	37.3%	Yes	
Census Tract 864	2,343	2,331	99.5%	Yes		2,343	578	24.7%		No
Census Tract 866	3,145	3,046	96.9%	Yes		3,122	988	31.6%	Yes	
Census Tract 868	3,413	3,340	97.9%	Yes		3,378	1,500	44.4%	Yes	
Census Tract 882	6,353	6,273	98.7%	Yes		6,353	2,887	45.4%	Yes	
Census Tract 884	4,401	4,318	98.1%	Yes		4,401	1,557	35.4%	Yes	
Census Tract 886	4,089	4,015	98.2%	Yes		4,065	1,937	47.7%	Yes	
Census Tract 936	1,692	1,679	99.2%	Yes		1,692	418	24.7%		No
Census Tract 938	2,476	2,462	99.4%	Yes		2,476	447	18.1%		No
Census Tract 946	1,947	1,917	98.5%	Yes		1,947	409	21.0%		No
Census Tract 888	4,086	4,077	99.8%	Yes		4,086	1,332	32.6%	Yes	
Census Tract 890	5,912	5,777	97.7%	Yes		5,263	2,671	50.8%	Yes	
Census Tract 928	3,022	2,956	97.8%	Yes		3,022	711	23.5%		No
Census Tract 930	3,068	3,050	99.4%	Yes		3,050	743	24.4%		No
Census Tract 934	2,464	2,407	97.7%	Yes		2,464	501	20.3%		No
TOTAL Rugby-Remsen Village	54,956	53,970	98.2%	17	-	54,196	18,630	34.4%	9	8
Seagate-Coney Island										
Census Tract 336	4,443	1,108	24.9%		No	4,419	1,458	33.0%	Yes	
Census Tract 326	6,730	5,845	86.8%	Yes		6,730	4,359	64.8%	Yes	
Census Tract 328	2,688	2,310	85.9%	Yes		2,688	1,247	46.4%	Yes	
Census Tract 330	5,006	4,185	83.6%	Yes		4,996	3,587	71.8%	Yes	
Census Tract 340	2,050	1,324	64.6%	Yes		1,481	1,033	69.8%	Yes	
Census Tract 342	6,064	3,961	65.3%	Yes		6,038	4,919	81.5%	Yes	
Census Tract 348	2,885	2,170	75.2%	Yes		2,862	1,707	59.6%	Yes	
Census Tract 352	1,254	488	38.9%		No	992	701	70.7%	Yes	
TOTAL Seagate-Coney Island	31,120	21,391	68.7%	6	2	30,206	19,011	62.9%	8	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Sheepshead Bay-Gerritsen Beach-Manhattan Beach										
Census Tract 570	3,529	1,529	43.3%		No	3,417	585	17.1%		
Census Tract 572	5,522	4,764	86.3%	Yes		5,522	3,609	65.4%	Yes	Yes
Census Tract 592	4,152	1,936	46.6%		No	4,152	1,331	32.1%	Yes	Yes
Census Tract 594.01	7,396	3,351	45.3%		No	7,386	2,351	31.8%	Yes	Yes
Census Tract 594.02	5,399	1,587	29.4%		No	5,382	1,126	20.9%		
Census Tract 596	2,442	615	25.2%		No	2,442	638	26.1%		
Census Tract 598	3,606	977	27.1%		No	3,606	1,072	29.7%	Yes	Yes
Census Tract 600	6,277	1,315	20.9%		No	6,276	1,479	23.6%		
Census Tract 608	3,545	1,011	28.5%		No	3,529	1,339	37.9%	Yes	Yes
Census Tract 612	1,065	55	5.2%		No	1,065	286	26.9%		
Census Tract 616	1,465	148	10.1%		No	1,207	235	19.5%		
Census Tract 620	1,816	70	3.9%		No	1,816	337	18.6%		
Census Tract 622	2,715	621	22.9%		No	2,503	737	29.4%	Yes	Yes
Census Tract 626	2,869	1,617	56.4%	Yes		2,869	853	29.7%	Yes	Yes
Census Tract 628	4,418	866	19.6%		No	4,418	709	16.0%		
Census Tract 632	1,534	357	23.3%		No	1,534	258	16.8%		
Census Tract 586	2,772	2,153	77.7%	Yes		2,763	873	31.6%	Yes	Yes
Census Tract 590	1,834	1,041	56.8%	Yes		1,834	681	37.1%	Yes	Yes
Census Tract 606	2,811	904	32.2%		No	2,761	760	27.5%	Yes	Yes
TOTAL Sheepshead Bay-Gerritsen Beach-Manhattan Beach	65,167	24,917	38.2%	4	15	64,482	19,259	29.9%	10	-
Starrett City										
Census Tract 1058.01	5,809	4,573	78.7%	Yes		5,789	3,077	53.2%	Yes	
Census Tract 1058.04	6,744	5,387	79.9%	Yes		6,720	3,148	46.8%	Yes	
TOTAL Starrett City	12,553	9,960	79.3%	2	-	12,509	6,225	49.8%	2	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Stuyvesant Heights										
Census Tract 273	3,431	2,959	86.2%	Yes		3,427	1,157	33.8%	Yes	
Census Tract 275	4,438	3,731	84.1%	Yes		4,401	1,295	29.4%	Yes	
Census Tract 277	4,582	4,054	88.5%	Yes		4,580	1,985	43.3%	Yes	
Census Tract 293	3,437	3,042	88.5%	Yes		3,437	1,449	42.2%	Yes	
Census Tract 295	4,160	3,237	77.8%	Yes		4,160	1,110	26.7%		No
Census Tract 377	4,541	3,992	87.9%	Yes		4,541	1,693	37.3%	Yes	
Census Tract 379	4,660	4,206	90.3%	Yes		4,602	1,699	36.9%	Yes	
Census Tract 383	4,720	4,132	87.5%	Yes		4,720	1,421	30.1%	Yes	
Census Tract 385	3,963	3,342	84.3%	Yes		3,963	944	23.8%		No
Census Tract 279	3,660	3,126	85.4%	Yes		3,658	1,316	36.0%	Yes	
Census Tract 281	4,764	4,140	86.9%	Yes		4,755	2,981	62.7%	Yes	
Census Tract 283	3,863	3,257	84.3%	Yes		3,675	2,229	60.7%	Yes	
Census Tract 285.02	3,205	3,205	100.0%	Yes		3,205	2,005	62.6%	Yes	
Census Tract 287	3,093	2,615	84.5%	Yes		3,091	1,632	52.8%	Yes	
Census Tract 289	3,619	3,180	87.9%	Yes		3,619	1,975	54.6%	Yes	
Census Tract 291	2,991	2,478	82.8%	Yes		2,986	761	25.5%		No
Census Tract 375	3,229	2,596	80.4%	Yes		3,227	1,042	32.3%	Yes	
Census Tract 387	3,882	3,044	78.4%	Yes		3,850	1,525	39.6%	Yes	
TOTAL Stuyvesant Heights	70,238	60,336	85.9%	18	-	69,897	28,219	40.4%	15	3



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Sunset Park East										
Census Tract 118	2,105	2,013	95.6%	Yes		2,105	1,004	47.7%	Yes	
Census Tract 120	1,213	1,181	97.4%	Yes		1,213	649	53.5%	Yes	
Census Tract 86	-	-	0.0%		No	-	-	0.0%		No
Census Tract 96	6,079	5,202	85.6%	Yes		6,029	3,942	65.4%	Yes	
Census Tract 98	6,479	6,185	95.5%	Yes		6,417	4,441	69.2%	Yes	
Census Tract 100	6,035	5,470	90.6%	Yes		6,014	2,818	46.9%	Yes	
Census Tract 102	4,698	4,563	97.1%	Yes		4,666	2,364	50.7%	Yes	
Census Tract 104	4,805	4,420	92.0%	Yes		4,734	2,816	59.5%	Yes	
Census Tract 106	4,417	4,136	93.6%	Yes		4,417	2,869	65.0%	Yes	
Census Tract 108	3,866	3,563	92.2%	Yes		3,866	2,531	65.5%	Yes	
Census Tract 88	2,235	1,355	60.6%	Yes		2,235	632	28.3%	Yes	
Census Tract 90	3,000	2,729	91.0%	Yes		2,994	1,377	46.0%	Yes	
Census Tract 92	5,322	4,755	89.3%	Yes		5,202	3,017	58.0%	Yes	
Census Tract 94	5,066	4,548	89.8%	Yes		5,018	3,146	62.7%	Yes	
Census Tract 110	2,662	1,650	62.0%	Yes		2,630	1,678	63.8%	Yes	
Census Tract 112	6,188	3,538	57.2%	Yes		6,188	3,965	64.1%	Yes	
TOTAL Sunset Park East	64,170	55,308	86.2%	15	1	63,728	37,249	58.4%	15	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Sunset Park West										
Census Tract 2	1,167	1,021	87.5%	Yes		1,163	623	53.6%	Yes	
Census Tract 78	5,246	4,770	90.9%	Yes		5,196	3,264	62.8%	Yes	
Census Tract 80	3,615	2,950	81.6%	Yes		3,615	1,028	28.4%	Yes	
Census Tract 82	3,594	3,021	84.1%	Yes		3,536	1,643	46.5%	Yes	
Census Tract 84	3,621	3,048	84.2%	Yes		3,621	2,072	57.2%	Yes	
Census Tract 18	1,897	1,572	82.9%	Yes		-	-	0.0%		No
Census Tract 20	1,412	1,385	98.1%	Yes		1,412	921	65.2%	Yes	
Census Tract 22	4,698	3,857	82.1%	Yes		4,504	2,255	50.1%	Yes	
Census Tract 72	1,900	1,746	91.9%	Yes		1,900	1,098	57.8%	Yes	
Census Tract 74	5,259	4,572	86.9%	Yes		5,170	3,357	64.9%	Yes	
Census Tract 76	5,151	4,431	86.0%	Yes		5,151	3,128	60.7%	Yes	
Census Tract 122	5,482	5,051	92.1%	Yes		5,482	3,539	64.6%	Yes	
Census Tract 101	4,001	2,987	74.7%	Yes		3,871	1,144	29.6%	Yes	
Census Tract 145	3,815	1,707	44.7%		No	3,815	809	21.2%		No
Census Tract 147	2,408	1,182	49.1%		No	2,385	542	22.7%		No
TOTAL Sunset Park West	53,266	43,300	81.3%	13	2	50,821	25,423	50.0%	12	3
West Brighton										
Census Tract 350	3,124	113	3.6%		No	3,124	1,003	32.1%	Yes	
Census Tract 354	5,765	558	9.7%		No	5,765	1,847	32.0%	Yes	
Census Tract 356.01	2,834	343	12.1%		No	2,834	1,233	43.5%	Yes	
Census Tract 356.02	5,529	526	9.5%		No	5,529	1,708	30.9%	Yes	
TOTAL West Brighton	17,252	1,540	8.9%	-	4	17,252	5,791	33.6%	4	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Williamsburg										
Census Tract 509	5,440	339	6.2%		No	5,440	3,829	70.4%	Yes	
Census Tract 529	3,443	101	2.9%		No	3,441	2,504	72.8%	Yes	
Census Tract 533	6,754	206	3.1%		No	6,754	5,085	75.3%	Yes	
Census Tract 535	3,708	454	12.2%		No	3,708	3,027	81.6%	Yes	
Census Tract 537	3,862	122	3.2%		No	3,673	2,718	74.0%	Yes	
Census Tract 539	2,483	541	21.8%		No	2,483	1,911	77.0%	Yes	
Census Tract 545	8,138	2,608	32.0%		No	7,982	5,801	72.7%	Yes	
TOTAL Williamsburg	33,828	4,371	12.9%	-	7	33,481	24,875	74.3%	7	-
Windsor Terrace										
Census Tract 169	4,822	1,276	26.5%		No	4,809	746	15.5%		No
Census Tract 171	4,069	1,017	25.0%		No	4,045	386	9.5%		No
Census Tract 500	3,953	1,771	44.8%		No	3,942	463	11.7%		No
Census Tract 502.02	2,523	536	21.2%		No	2,523	434	17.2%		No
Census Tract 504	4,741	2,175	45.9%		No	4,741	1,049	22.1%		No
Census Tract 1502	2,651	557	21.0%		No	2,636	484	18.4%		No
TOTAL Windsor Terrace	22,759	7,332	32.2%	-	6	22,696	3,562	15.7%	-	6
TOTAL Kings County	2,589,974	1,647,109	63.6%	470	286	2,564,539	1,002,471	39.1%	500	237

Table 17C-5

Environmental Justice Populations: Queens County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Queens County, New York										
Airport										
Census Tract 716	-	-	0.0%		No	-	-	0.0%		No
Census Tract 331	-	-	0.0%		No	-	-	0.0%		No
TOTAL Airport	-	-	-	-	2	-	-	-	-	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Astoria										
Census Tract 45	3,194	1,426	44.6%		No	3,194	621	19.4%		No
Census Tract 47	3,665	2,708	73.9%	Yes		3,646	1,704	46.7%	Yes	
Census Tract 53	5,092	2,835	55.7%	Yes		5,092	1,164	22.9%		No
Census Tract 57	4,212	2,679	63.6%	Yes		4,198	1,592	37.9%	Yes	
Census Tract 59	4,057	1,665	41.0%		No	4,057	970	23.9%		No
Census Tract 61	5,548	2,528	45.6%		No	5,491	1,246	22.7%		No
Census Tract 63	5,690	2,533	44.5%		No	5,690	1,444	25.4%		No
Census Tract 75	3,959	1,719	43.4%		No	3,933	719	18.3%		No
Census Tract 77	1,856	1,106	59.6%	Yes		1,856	517	27.9%	Yes	
Census Tract 157	1,305	909	69.7%	Yes		1,305	345	26.4%		No
Census Tract 65.01	3,450	1,444	41.9%		No	3,450	924	26.8%		No
Census Tract 65.02	3,494	1,434	41.0%		No	3,494	1,044	29.9%	Yes	
Census Tract 141	1,636	876	53.5%	Yes		1,636	555	33.9%	Yes	
Census Tract 143	3,772	1,686	44.7%		No	3,772	1,162	30.8%	Yes	
Census Tract 145	2,412	861	35.7%		No	2,412	769	31.9%	Yes	
Census Tract 147	2,768	825	29.8%		No	2,767	600	21.7%		No
Census Tract 149	1,842	704	38.2%		No	1,842	437	23.7%		No
Census Tract 151	2,613	922	35.3%		No	2,608	750	28.8%	Yes	
Census Tract 153	1,933	1,050	54.3%	Yes		1,856	437	23.5%		No
Census Tract 155	2,358	981	41.6%		No	2,358	548	23.2%		No
Census Tract 159	3,422	1,219	35.6%		No	3,422	1,345	39.3%	Yes	
Census Tract 161	2,297	1,425	62.0%	Yes		2,297	580	25.3%		No
Census Tract 163	3,519	2,954	83.9%	Yes		3,519	2,089	59.4%	Yes	
TOTAL Astoria	74,094	36,489	49.2%	9	14	73,895	21,562	29.2%	10	13



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Auburndale										
Census Tract 1139	3,356	2,045	60.9%	Yes		3,356	1,233	36.7%	Yes	
Census Tract 1181	1,530	943	61.6%	Yes		1,530	518	33.9%	Yes	
Census Tract 1409.02	2,787	2,161	77.5%	Yes		2,787	602	21.6%		No
Census Tract 1417	4,871	3,468	71.2%	Yes		4,871	1,326	27.2%	Yes	
Census Tract 1429	3,760	2,171	57.7%	Yes		3,742	769	20.6%		No
Census Tract 1451.01	1,127	545	48.4%		No	1,125	189	16.8%		No
Census Tract 1459	2,809	1,865	66.4%	Yes		2,809	819	29.2%	Yes	
TOTAL Auburndale	20,240	13,198	65.2%	6	1	20,220	5,456	27.0%	4	3
Baisley Park										
Census Tract 182	2,499	2,451	98.1%	Yes		2,485	948	38.1%	Yes	
Census Tract 184.01	2,114	2,114	100.0%	Yes		2,100	797	38.0%	Yes	
Census Tract 184.02	2,431	2,335	96.1%	Yes		2,425	594	24.5%		No
Census Tract 186	1,869	1,837	98.3%	Yes		1,846	774	41.9%	Yes	
Census Tract 188	1,449	1,431	98.8%	Yes		1,449	572	39.5%	Yes	
Census Tract 190	2,455	2,397	97.6%	Yes		2,424	423	17.5%		No
Census Tract 192	1,969	1,943	98.7%	Yes		1,969	382	19.4%		No
Census Tract 272	1,970	1,953	99.1%	Yes		1,970	445	22.6%		No
Census Tract 274	1,718	1,718	100.0%	Yes		1,718	449	26.1%		No
Census Tract 276	1,342	1,296	96.6%	Yes		1,337	589	44.1%	Yes	
Census Tract 278	2,339	2,328	99.5%	Yes		2,339	1,151	49.2%	Yes	
Census Tract 284	4,166	4,148	99.6%	Yes		4,055	834	20.6%		No
Census Tract 288	4,616	4,576	99.1%	Yes		4,616	1,280	27.7%	Yes	
Census Tract 788	1,865	1,780	95.4%	Yes		1,842	523	28.4%	Yes	
Census Tract 790	2,633	2,624	99.7%	Yes		2,621	560	21.4%		No
Census Tract 792	2,414	2,407	99.7%	Yes		2,397	471	19.6%		No
TOTAL Baisley Park	37,849	37,338	98.6%	16	-	37,593	10,792	28.7%	8	8

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bayside-Bayside Hills										
Census Tract 1085	2,337	1,341	57.4%	Yes		2,328	470	20.2%		No
Census Tract 1093	2,937	1,713	58.3%	Yes		2,929	627	21.4%		No
Census Tract 1097	1,598	719	45.0%		No	1,584	148	9.3%		No
Census Tract 1099	3,058	1,837	60.1%	Yes		3,058	808	26.4%		No
Census Tract 1113	2,526	1,324	52.4%	Yes		2,523	503	19.9%		No
Census Tract 1123	2,058	1,348	65.5%	Yes		2,058	378	18.4%		No
Census Tract 1129	2,085	878	42.1%		No	2,085	393	18.8%		No
Census Tract 1133	1,603	765	47.7%		No	1,603	163	10.2%		No
Census Tract 1399	1,666	1,105	66.3%	Yes		1,659	300	18.1%		No
Census Tract 1403	2,344	1,600	68.3%	Yes		2,344	269	11.5%		No
Census Tract 1409.01	990	784	79.2%	Yes		979	202	20.6%		No
Census Tract 1435	2,452	1,653	67.4%	Yes		2,452	325	13.3%		No
Census Tract 1441	2,662	1,774	66.6%	Yes		2,651	457	17.2%		No
Census Tract 1447	3,109	2,738	88.1%	Yes		3,075	897	29.2%	Yes	
Census Tract 1451.02	2,464	1,934	78.5%	Yes		2,448	560	22.9%		No
Census Tract 1463	2,979	1,735	58.2%	Yes		2,618	574	21.9%		No
Census Tract 1467	2,619	1,417	54.1%	Yes		2,619	436	16.6%		No
Census Tract 1471	3,231	1,739	53.8%	Yes		3,223	744	23.1%		No
TOTAL Bayside-Bayside Hills	42,718	26,404	61.8%	15	3	42,236	8,254	19.5%	1	17
Bellerose										
Census Tract 1617	4,762	3,055	64.2%	Yes		4,752	770	16.2%		No
Census Tract 1301	4,204	2,923	69.5%	Yes		4,204	609	14.5%		No
Census Tract 1571.01	8,406	6,249	74.3%	Yes		8,395	1,434	17.1%		No
Census Tract 1571.02	2,294	1,929	84.1%	Yes		2,287	574	25.1%		No
Census Tract 1621	6,363	5,214	81.9%	Yes		6,345	1,752	27.6%	Yes	
Census Tract 1567	1,614	1,308	81.0%	Yes		1,091	582	53.3%	Yes	
TOTAL Bellerose	27,643	20,678	74.8%	6	-	27,074	5,721	21.1%	2	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Breezy Point-Belle Harbor-Rockaway Park-Broad Channel										
Census Tract 934.02	4,403	1,211	27.5%		No	4,370	920	21.1%		No
Census Tract 922	2,020	162	8.0%		No	2,020	132	6.5%		No
Census Tract 928	3,594	148	4.1%		No	3,594	317	8.8%		No
Census Tract 934.01	3,734	532	14.2%		No	3,495	473	13.5%		No
Census Tract 916.01	3,674	328	8.9%		No	3,674	246	6.7%		No
Census Tract 938	5,023	1,750	34.8%		No	4,275	1,608	37.6%	Yes	
Census Tract 942.01	3,236	2,358	72.9%	Yes		3,158	1,092	34.6%	Yes	
Census Tract 1072.01	2,320	383	16.5%		No	2,318	441	19.0%		No
TOTAL Breezy Point-Belle Harbor-Rockaway Park-Broad C	28,004	6,872	24.5%	1	7	26,904	5,229	19.4%	2	6
Briarwood-Jamaica Hills										
Census Tract 214	6,984	6,451	92.4%	Yes		6,984	2,749	39.4%	Yes	
Census Tract 220.01	6,272	4,396	70.1%	Yes		6,134	1,452	23.7%		No
Census Tract 220.02	7,128	4,988	70.0%	Yes		7,128	1,492	20.9%		No
Census Tract 230	2,054	1,477	71.9%	Yes		2,036	569	27.9%	Yes	
Census Tract 232	5,644	4,704	83.3%	Yes		5,240	1,443	27.5%	Yes	
Census Tract 236	3,143	2,831	90.1%	Yes		3,122	1,046	33.5%	Yes	
Census Tract 448	2,809	2,641	94.0%	Yes		2,796	1,355	48.5%	Yes	
Census Tract 450	2,167	1,762	81.3%	Yes		2,167	415	19.2%		No
Census Tract 452	1,335	1,135	85.0%	Yes		966	209	21.6%		No
Census Tract 454	4,779	4,510	94.4%	Yes		4,779	2,108	44.1%	Yes	
Census Tract 456	1,446	1,388	96.0%	Yes		1,446	406	28.1%	Yes	
TOTAL Briarwood-Jamaica Hills	43,761	36,283	82.9%	11	-	42,798	13,244	30.9%	7	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Cambria Heights											
Census Tract 614	1,414	1,411	99.8%	Yes		1,414	132	9.3%		No	
Census Tract 534.01	2,125	2,090	98.4%	Yes		2,119	412	19.4%		No	
Census Tract 590	1,466	1,444	98.5%	Yes		1,466	318	21.7%		No	
Census Tract 592	1,516	1,516	100.0%	Yes		1,507	100	6.6%		No	
Census Tract 594	1,768	1,756	99.3%	Yes		1,768	149	8.4%		No	
Census Tract 596	1,272	1,255	98.7%	Yes		1,272	256	20.1%		No	
Census Tract 598	1,798	1,774	98.7%	Yes		1,790	236	13.2%		No	
Census Tract 600	1,102	1,094	99.3%	Yes		1,102	89	8.1%		No	
Census Tract 606	1,351	1,345	99.6%	Yes		1,351	93	6.9%		No	
Census Tract 608	1,564	1,506	96.3%	Yes		1,557	174	11.2%		No	
Census Tract 610	1,551	1,542	99.4%	Yes		1,551	172	11.1%		No	
Census Tract 612	2,022	2,022	100.0%	Yes		2,022	28	1.4%		No	
Census Tract 622	2,083	2,068	99.3%	Yes		2,077	270	13.0%		No	
TOTAL Cambria Heights	21,032	20,823	99.0%	13	-	20,996	2,429	11.6%	-	13	
College Point											
Census Tract 907	1,434	1,025	71.5%	Yes		1,421	456	32.1%	Yes		
Census Tract 947	2,202	1,353	61.4%	Yes		2,202	652	29.6%	Yes		
Census Tract 919	5,309	4,399	82.9%	Yes		4,710	2,142	45.5%	Yes		
Census Tract 925	3,470	2,837	81.8%	Yes		3,469	1,428	41.2%	Yes		
Census Tract 929	7,036	5,877	83.5%	Yes		6,993	1,932	27.6%	Yes		
Census Tract 939	5,299	3,720	70.2%	Yes		5,269	1,166	22.1%		No	
TOTAL College Point	24,750	19,211	77.6%	6	-	24,064	7,776	32.3%	5	1	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Corona											
Census Tract 437.01	2,686	2,344	87.3%	Yes		2,294	944	41.2%	Yes		
Census Tract 437.02	7,125	6,556	92.0%	Yes		7,052	3,998	56.7%	Yes		
Census Tract 443.02	4,076	3,961	97.2%	Yes		4,076	2,016	49.5%	Yes		
Census Tract 455	14,284	12,794	89.6%	Yes		14,186	6,656	46.9%	Yes		
Census Tract 399	3,862	3,816	98.8%	Yes		3,786	1,586	41.9%	Yes		
Census Tract 411	3,775	3,743	99.2%	Yes		3,768	1,714	45.5%	Yes		
Census Tract 413	4,696	4,626	98.5%	Yes		4,589	2,778	60.5%	Yes		
Census Tract 415	4,358	4,060	93.2%	Yes		4,236	2,133	50.4%	Yes		
Census Tract 427	4,955	4,763	96.1%	Yes		4,859	2,418	49.8%	Yes		
Census Tract 439	3,610	3,454	95.7%	Yes		3,600	2,019	56.1%	Yes		
Census Tract 443.01	3,719	3,571	96.0%	Yes		3,718	1,986	53.4%	Yes		
TOTAL Corona	57,146	53,688	93.9%	11	-	56,164	28,248	50.3%	11	-	
Douglas Manor-Douglaston-Little Neck											
Census Tract 1479	4,526	2,695	59.5%	Yes		4,504	814	18.1%		No	
Census Tract 1483	2,900	1,150	39.7%		No	2,892	315	10.9%		No	
Census Tract 1507.01	3,036	1,480	48.7%		No	3,032	307	10.1%		No	
Census Tract 1507.02	3,067	1,282	41.8%		No	2,954	433	14.7%		No	
Census Tract 1529.01	6,916	4,683	67.7%	Yes		6,884	1,393	20.2%		No	
Census Tract 1529.02	4,955	2,872	58.0%	Yes		4,955	912	18.4%		No	
TOTAL Douglas Manor-Douglaston-Little Neck	25,400	14,162	55.8%	3	3	25,221	4,174	16.5%	-	6	
East Elmhurst											
Census Tract 353	2,273	2,153	94.7%	Yes		2,243	919	41.0%	Yes		
Census Tract 357	3,710	3,175	85.6%	Yes		3,200	1,153	36.0%	Yes		
Census Tract 361	2,238	2,165	96.7%	Yes		2,229	1,159	52.0%	Yes		
Census Tract 363	1,771	1,705	96.3%	Yes		1,751	689	39.3%	Yes		
Census Tract 365	2,992	2,921	97.6%	Yes		2,978	1,422	47.8%	Yes		
Census Tract 367	2,178	2,098	96.3%	Yes		2,147	986	45.9%	Yes		
Census Tract 371	1,335	1,316	98.6%	Yes		1,335	454	34.0%	Yes		
Census Tract 373	2,255	2,191	97.2%	Yes		2,249	850	37.8%	Yes		
TOTAL East Elmhurst	18,752	17,724	94.5%	8	-	18,132	7,632	42.1%	8	-	



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
East Flushing										
Census Tract 861	2,032	1,875	92.3%	Yes		2,020	828	41.0%	Yes	
Census Tract 1185	1,978	1,838	92.9%	Yes		1,978	975	49.3%	Yes	
Census Tract 1187	2,484	2,195	88.4%	Yes		2,484	1,010	40.7%	Yes	
Census Tract 1189	2,050	1,721	84.0%	Yes		2,045	653	31.9%	Yes	
Census Tract 1191	2,985	2,681	89.8%	Yes		2,984	1,455	48.8%	Yes	
Census Tract 1193	1,978	1,606	81.2%	Yes		1,978	754	38.1%	Yes	
Census Tract 1195	1,453	1,004	69.1%	Yes		1,453	331	22.8%		No
Census Tract 1199	1,517	1,269	83.7%	Yes		1,506	579	38.4%	Yes	
Census Tract 1201	1,559	1,367	87.7%	Yes		1,559	614	39.4%	Yes	
Census Tract 1203	1,573	1,383	87.9%	Yes		1,573	687	43.7%	Yes	
Census Tract 1205	2,568	2,405	93.7%	Yes		2,543	1,531	60.2%	Yes	
Census Tract 1207	3,097	2,266	73.2%	Yes		3,088	967	31.3%	Yes	
TOTAL East Flushing	25,274	21,610	85.5%	12	-	25,211	10,384	41.2%	11	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Elmhurst										
Census Tract 457	3,281	3,042	92.7%	Yes		3,206	928	28.9%	Yes	
Census Tract 459	3,719	3,625	97.5%	Yes		3,698	907	24.5%		No
Census Tract 473	4,328	3,625	83.8%	Yes		4,279	1,478	34.5%	Yes	
Census Tract 475	4,301	4,014	93.3%	Yes		4,301	1,346	31.3%	Yes	
Census Tract 499	5,260	4,523	86.0%	Yes		5,260	1,813	34.5%	Yes	
Census Tract 683	3,970	3,512	88.5%	Yes		3,953	1,217	30.8%	Yes	
Census Tract 267	5,353	4,958	92.6%	Yes		5,337	2,236	41.9%	Yes	
Census Tract 269.01	4,965	4,746	95.6%	Yes		4,907	1,717	35.0%	Yes	
Census Tract 269.02	3,603	3,406	94.5%	Yes		3,553	1,500	42.2%	Yes	
Census Tract 271	8,428	8,075	95.8%	Yes		8,428	3,435	40.8%	Yes	
Census Tract 461	2,464	2,274	92.3%	Yes		2,442	942	38.6%	Yes	
Census Tract 463	3,836	3,769	98.3%	Yes		3,828	1,708	44.6%	Yes	
Census Tract 465	4,172	4,136	99.1%	Yes		4,094	1,721	42.0%	Yes	
Census Tract 467	5,895	5,738	97.3%	Yes		5,788	3,379	58.4%	Yes	
Census Tract 469	8,207	8,120	98.9%	Yes		8,207	3,869	47.1%	Yes	
Census Tract 471	4,320	4,230	97.9%	Yes		4,320	2,302	53.3%	Yes	
Census Tract 481	6,434	5,996	93.2%	Yes		6,160	3,043	49.4%	Yes	
TOTAL Elmhurst	82,536	77,789	94.2%	17	-	81,761	33,541	41.0%	16	1
Elmhurst-Maspeth										
Census Tract 243	5,088	3,746	73.6%	Yes		5,049	1,204	23.8%		No
Census Tract 479	5,115	4,664	91.2%	Yes		5,104	2,281	44.7%	Yes	
Census Tract 485	4,366	4,028	92.3%	Yes		4,366	1,563	35.8%	Yes	
Census Tract 489	1,610	1,469	91.2%	Yes		1,610	461	28.6%	Yes	
Census Tract 265	3,722	3,437	92.3%	Yes		3,722	1,155	31.0%	Yes	
Census Tract 483	3,888	3,640	93.6%	Yes		3,888	1,718	44.2%	Yes	
TOTAL Elmhurst-Maspeth	23,789	20,984	88.2%	6	-	23,739	8,382	35.3%	5	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Far Rockaway-Bayswater										
Census Tract 998.01	8,592	8,179	95.2%	Yes		8,395	2,150	25.6%		No
Census Tract 998.02	6,422	5,138	80.0%	Yes		6,422	3,373	52.5%	Yes	
Census Tract 1008.01	2,525	1,573	62.3%	Yes		2,525	459	18.2%		No
Census Tract 1008.02	8,976	6,352	70.8%	Yes		8,947	2,671	29.9%	Yes	
Census Tract 1032.01	6,509	6,295	96.7%	Yes		6,509	3,491	53.6%	Yes	
Census Tract 1010.01	12,253	9,338	76.2%	Yes		10,966	5,036	45.9%	Yes	
Census Tract 1010.02	4,359	1,353	31.0%		No	4,339	1,780	41.0%	Yes	
Census Tract 1032.02	8,121	4,566	56.2%	Yes		7,746	4,101	52.9%	Yes	
TOTAL Far Rockaway-Bayswater	57,757	42,794	74.1%	7	1	55,849	23,061	41.3%	6	2
Flushing										
Census Tract 797.01	6,676	6,245	93.5%	Yes		6,674	4,224	63.3%	Yes	
Census Tract 797.02	4,502	4,096	91.0%	Yes		4,496	2,959	65.8%	Yes	
Census Tract 845	4,863	4,595	94.5%	Yes		4,854	2,079	42.8%	Yes	
Census Tract 849	6,909	6,858	99.3%	Yes		6,909	4,058	58.7%	Yes	
Census Tract 853	5,563	5,401	97.1%	Yes		5,562	3,237	58.2%	Yes	
Census Tract 855	6,772	6,239	92.1%	Yes		6,753	3,756	55.6%	Yes	
Census Tract 857	5,171	4,814	93.1%	Yes		4,853	2,330	48.0%	Yes	
Census Tract 859	5,492	4,965	90.4%	Yes		5,480	1,936	35.3%	Yes	
Census Tract 865	4,311	3,785	87.8%	Yes		4,311	2,122	49.2%	Yes	
Census Tract 869	1,771	1,732	97.8%	Yes		1,771	1,209	68.3%	Yes	
Census Tract 871	2,643	2,560	96.9%	Yes		2,632	1,256	47.7%	Yes	
Census Tract 889.01	9,626	8,601	89.4%	Yes		9,485	4,503	47.5%	Yes	
Census Tract 1161	4,301	3,813	88.7%	Yes		3,796	2,206	58.1%	Yes	
TOTAL Flushing	68,600	63,704	92.9%	13	-	67,576	35,875	53.1%	13	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Forest Hills										
Census Tract 737	1,930	910	47.2%		No	1,929	294	15.2%		No
Census Tract 749	1,429	435	30.4%		No	1,429	162	11.3%		No
Census Tract 757.02	4,898	2,441	49.8%		No	4,729	838	17.7%		No
Census Tract 769.01	4,407	2,365	53.7%	Yes		4,407	547	12.4%		No
Census Tract 645	1,927	881	45.7%		No	1,915	426	22.2%		No
Census Tract 707	2,547	1,321	51.9%	Yes		2,538	360	14.2%		No
Census Tract 709	2,869	1,582	55.1%	Yes		2,858	335	11.7%		No
Census Tract 711	6,448	3,207	49.7%		No	6,355	591	9.3%		No
Census Tract 713.03	5,431	2,251	41.4%		No	5,431	718	13.2%		No
Census Tract 713.04	6,054	2,680	44.3%		No	6,054	1,981	32.7%	Yes	
Census Tract 713.05	4,862	2,464	50.7%	Yes		4,862	730	15.0%		No
Census Tract 713.06	6,361	3,434	54.0%	Yes		6,361	927	14.6%		No
Census Tract 719	2,438	1,315	53.9%	Yes		2,438	725	29.7%	Yes	
Census Tract 721	4,579	1,990	43.5%		No	4,531	1,535	33.9%	Yes	
Census Tract 723	2,050	940	45.9%		No	2,050	244	11.9%		No
Census Tract 729	1,437	792	55.1%	Yes		1,428	160	11.2%		No
Census Tract 731	1,507	564	37.4%		No	1,507	198	13.1%		No
Census Tract 739	5,425	2,917	53.8%	Yes		5,266	667	12.7%		No
Census Tract 741	3,060	1,407	46.0%		No	3,051	618	20.3%		No
Census Tract 743	4,082	1,998	48.9%		No	4,082	1,116	27.3%	Yes	
Census Tract 745	4,014	1,577	39.3%		No	4,014	1,443	35.9%	Yes	
Census Tract 747	3,705	2,804	75.7%	Yes		3,705	943	25.5%		No
Census Tract 757.01	5,022	2,792	55.6%	Yes		5,022	627	12.5%		No
Census Tract 769.02	1,186	690	58.2%	Yes		1,186	281	23.7%		No
TOTAL Forest Hills	87,668	43,757	49.9%	11	13	87,148	16,466	18.9%	5	19
Fresh Meadows-Utopia										
Census Tract 1333	3,896	2,089	53.6%	Yes		3,896	939	24.1%		No
Census Tract 1339	1,302	537	41.2%		No	1,302	185	14.2%		No
Census Tract 1341	3,358	2,482	73.9%	Yes		3,358	902	26.9%		No
Census Tract 1347	10,944	8,931	81.6%	Yes		10,941	2,872	26.2%		No
TOTAL Fresh Meadows-Utopia	19,500	14,039	72.0%	3	1	19,497	4,898	25.1%	-	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Ft. Totten-Bay Terrace-Clearview										
Census Tract 997.01	2,922	997	34.1%		No	2,922	279	9.5%		No
Census Tract 997.03	3,746	2,025	54.1%	Yes		3,728	322	8.6%		No
Census Tract 997.04	6,847	2,778	40.6%		No	6,834	1,162	17.0%		No
Census Tract 997.05	2,470	1,421	57.5%	Yes		2,470	201	8.1%		No
Census Tract 999	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1017	6,005	3,171	52.8%	Yes		6,005	1,117	18.6%		No
TOTAL Ft. Totten-Bay Terrace-Clearview	21,990	10,392	47.3%	3	3	21,959	3,081	14.0%	-	6
Glen Oaks-Floral Park-New Hyde Park										
Census Tract 1579.03	4,741	3,319	70.0%	Yes		4,741	1,071	22.6%		No
Census Tract 1551.01	1,759	68	3.9%		No	1,759	340	19.3%		No
Census Tract 1551.02	8,929	5,025	56.3%	Yes		8,001	1,040	13.0%		No
Census Tract 1579.01	5,073	3,606	71.1%	Yes		5,069	794	15.7%		No
Census Tract 1579.02	4,129	2,959	71.7%	Yes		4,070	764	18.8%		No
TOTAL Glen Oaks-Floral Park-New Hyde Park	24,631	14,977	60.8%	4	1	23,640	4,009	17.0%	-	5
Glendale										
Census Tract 565	1,569	1,227	78.2%	Yes		1,569	516	32.9%	Yes	
Census Tract 567	5,175	3,612	69.8%	Yes		5,167	543	10.5%		No
Census Tract 577	4,169	1,808	43.4%		No	4,169	1,236	29.6%	Yes	
Census Tract 579	1,643	722	43.9%		No	1,643	408	24.8%		No
Census Tract 623	2,246	918	40.9%		No	2,246	335	14.9%		No
Census Tract 625	2,692	1,085	40.3%		No	2,692	343	12.7%		No
Census Tract 627	2,944	1,491	50.6%	Yes		2,944	723	24.6%		No
Census Tract 629	3,034	1,268	41.8%		No	3,031	521	17.2%		No
Census Tract 633.01	1,704	521	30.6%		No	1,704	321	18.8%		No
Census Tract 633.02	1,475	290	19.7%		No	1,457	177	12.1%		No
Census Tract 635	2,551	820	32.1%		No	2,547	782	30.7%	Yes	
Census Tract 637	3,432	1,165	33.9%		No	3,432	488	14.2%		No
Census Tract 639	3,043	1,454	47.8%		No	3,043	393	12.9%		No
TOTAL Glendale	35,677	16,381	45.9%	3	10	35,644	6,786	19.0%	3	10



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hammels-Arverne-Edgemere										
Census Tract 942.02	4,806	3,907	81.3%	Yes		4,806	2,362	49.1%	Yes	
Census Tract 942.03	6,602	3,172	48.0%		No	6,508	2,079	31.9%	Yes	
Census Tract 954	6,045	5,402	89.4%	Yes		5,842	2,195	37.6%	Yes	
Census Tract 964	6,573	5,790	88.1%	Yes		6,257	1,767	28.2%	Yes	
Census Tract 972.02	3,060	2,987	97.6%	Yes		3,055	1,847	60.5%	Yes	
Census Tract 972.03	7,356	7,087	96.3%	Yes		7,356	4,879	66.3%	Yes	
Census Tract 972.04	3,884	3,532	90.9%	Yes		3,327	1,542	46.3%	Yes	
Census Tract 992	4,339	3,912	90.2%	Yes		4,228	2,326	55.0%	Yes	
TOTAL Hammels-Arverne-Edgemere	42,665	35,789	83.9%	7	1	41,379	18,997	45.9%	8	-
Hollis										
Census Tract 482	1,427	1,356	95.0%	Yes		1,358	424	31.2%	Yes	
Census Tract 484	5,140	5,052	98.3%	Yes		5,140	622	12.1%		No
Census Tract 500	4,279	4,137	96.7%	Yes		3,914	1,325	33.9%	Yes	
Census Tract 502.01	1,384	1,384	100.0%	Yes		1,384	385	27.8%	Yes	
Census Tract 502.02	1,421	1,401	98.6%	Yes		1,404	371	26.4%		No
Census Tract 504	1,818	1,767	97.2%	Yes		1,810	470	26.0%		No
Census Tract 506	1,421	1,421	100.0%	Yes		1,421	401	28.2%	Yes	
Census Tract 508	2,008	1,958	97.5%	Yes		1,999	383	19.2%		No
Census Tract 510	1,816	1,769	97.4%	Yes		1,797	350	19.5%		No
TOTAL Hollis	20,714	20,245	97.7%	9	-	20,227	4,731	23.4%	4	5

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hunters Point-Sunnyside-West Maspeth										
Census Tract 185.01	3,182	1,919	60.3%	Yes		3,174	1,277	40.2%	Yes	
Census Tract 187	3,069	2,107	68.7%	Yes		3,025	986	32.6%	Yes	
Census Tract 189	3,136	2,226	71.0%	Yes		3,136	879	28.0%	Yes	
Census Tract 199	697	583	83.6%	Yes		347	217	62.5%	Yes	
Census Tract 205	1,176	1,080	91.8%	Yes		1,176	339	28.8%	Yes	
Census Tract 1	9,505	4,318	45.4%		No	9,487	1,010	10.6%		No
Census Tract 7	6,336	3,009	47.5%		No	6,307	917	14.5%		No
Census Tract 19	4,358	2,615	60.0%	Yes		4,358	625	14.3%		No
Census Tract 171	51	24	47.1%		No	49	9	18.4%		No
Census Tract 179	1,019	754	74.0%	Yes		1,019	410	40.2%	Yes	
Census Tract 181.01	3,497	2,297	65.7%	Yes		3,497	1,043	29.8%	Yes	
Census Tract 181.02	3,311	1,661	50.2%	Yes		3,303	661	20.0%		No
Census Tract 183	6,064	3,405	56.2%	Yes		6,016	1,370	22.8%		No
Census Tract 185.02	3,367	1,797	53.4%	Yes		3,358	1,085	32.3%	Yes	
Census Tract 219	-	-	0.0%		No	-	-	0.0%		No
Census Tract 235	7,766	6,837	88.0%	Yes		7,766	2,506	32.3%	Yes	
Census Tract 169	5,683	3,379	59.5%	Yes		5,671	1,862	32.8%	Yes	
Census Tract 253.01	4,386	2,762	63.0%	Yes		4,374	1,412	32.3%	Yes	
Census Tract 253.02	3,046	2,282	74.9%	Yes		3,046	969	31.8%	Yes	
TOTAL Hunters Point-Sunnyside-West Maspeth	69,649	43,055	61.8%	15	4	69,109	17,577	25.4%	12	7

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Jackson Heights										
Census Tract 273	7,116	6,966	97.9%	Yes		7,073	3,652	51.6%	Yes	
Census Tract 275	6,820	6,474	94.9%	Yes		6,657	2,883	43.3%	Yes	
Census Tract 277	7,747	7,158	92.4%	Yes		7,734	2,747	35.5%	Yes	
Census Tract 279	6,220	5,130	82.5%	Yes		6,185	2,128	34.4%	Yes	
Census Tract 281	5,013	3,434	68.5%	Yes		5,013	1,482	29.6%	Yes	
Census Tract 283	7,508	5,923	78.9%	Yes		7,508	2,374	31.6%	Yes	
Census Tract 285	4,987	3,160	63.4%	Yes		4,952	1,817	36.7%	Yes	
Census Tract 287	6,293	4,423	70.3%	Yes		6,293	1,840	29.2%	Yes	
Census Tract 289	5,158	3,819	74.0%	Yes		5,158	1,844	35.8%	Yes	
Census Tract 291	6,368	5,687	89.3%	Yes		6,073	2,211	36.4%	Yes	
Census Tract 309.02	6,590	5,387	81.7%	Yes		6,547	2,738	41.8%	Yes	
Census Tract 309.03	5,722	5,163	90.2%	Yes		5,699	1,559	27.4%	Yes	
Census Tract 309.04	3,179	2,219	69.8%	Yes		3,179	1,008	31.7%	Yes	
Census Tract 327	3,702	3,331	90.0%	Yes		3,668	1,454	39.6%	Yes	
Census Tract 329	3,244	2,829	87.2%	Yes		3,237	1,010	31.2%	Yes	
Census Tract 337	2,999	2,836	94.6%	Yes		2,999	910	30.3%	Yes	
Census Tract 339	2,677	2,147	80.2%	Yes		2,672	1,301	48.7%	Yes	
Census Tract 347	2,966	2,696	90.9%	Yes		2,783	929	33.4%	Yes	
Census Tract 351	3,737	3,237	86.6%	Yes		3,737	1,550	41.5%	Yes	
TOTAL Jackson Heights	98,046	82,019	83.7%	19	-	97,167	35,437	36.5%	19	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Jamaica										
Census Tract 204	2,350	2,252	95.8%	Yes		2,324	1,026	44.1%	Yes	
Census Tract 206	1,855	1,686	90.9%	Yes		1,855	680	36.7%	Yes	
Census Tract 208	3,136	2,769	88.3%	Yes		3,119	824	26.4%		No
Census Tract 212	2,434	2,240	92.0%	Yes		2,359	1,225	51.9%	Yes	
Census Tract 238	4,516	4,424	98.0%	Yes		4,486	2,273	50.7%	Yes	
Census Tract 240	6,826	6,677	97.8%	Yes		6,776	3,908	57.7%	Yes	
Census Tract 246	-	-	0.0%		No	-	-	0.0%		No
Census Tract 444	3,529	3,393	96.1%	Yes		3,526	1,778	50.4%	Yes	
Census Tract 446.01	3,361	3,335	99.2%	Yes		3,360	1,408	41.9%	Yes	
Census Tract 446.02	4,961	4,855	97.9%	Yes		4,757	2,923	61.4%	Yes	
Census Tract 460	6,049	5,969	98.7%	Yes		6,049	2,939	48.6%	Yes	
Census Tract 462	6,907	6,770	98.0%	Yes		6,589	2,712	41.2%	Yes	
Census Tract 468	3,340	3,302	98.9%	Yes		3,340	1,021	30.6%	Yes	
Census Tract 470	3,197	3,163	98.9%	Yes		3,197	1,071	33.5%	Yes	
Census Tract 480	2,293	2,232	97.3%	Yes		2,293	658	28.7%	Yes	
TOTAL Jamaica	54,754	53,067	96.9%	14	1	54,030	24,446	45.2%	13	2
Jamaica Estates-Holliswood										
Census Tract 458	2,348	2,066	88.0%	Yes		2,348	656	27.9%	Yes	
Census Tract 464	1,999	1,723	86.2%	Yes		1,630	345	21.2%		No
Census Tract 466	3,882	3,482	89.7%	Yes		3,882	1,040	26.8%		No
Census Tract 472	3,664	2,845	77.6%	Yes		3,299	605	18.3%		No
Census Tract 476	1,419	978	68.9%	Yes		1,419	109	7.7%		No
Census Tract 478	4,925	4,105	83.4%	Yes		4,923	1,351	27.4%	Yes	
Census Tract 492	5,444	5,080	93.3%	Yes		5,437	1,005	18.5%		No
Census Tract 1277	3,615	823	22.8%		No	3,579	435	12.2%		No
TOTAL Jamaica Estates-Holliswood	27,296	21,102	77.3%	7	1	26,517	5,546	20.9%	2	6

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Kew Gardens										
Census Tract 773	2,093	940	44.9%		No	2,093	437	20.9%		No
Census Tract 134	4,678	2,649	56.6%	Yes		4,662	1,745	37.4%	Yes	
Census Tract 136	1,874	710	37.9%		No	1,874	410	21.9%		No
Census Tract 138	3,608	2,312	64.1%	Yes		3,606	721	20.0%		No
Census Tract 140	3,766	1,950	51.8%	Yes		3,707	851	23.0%		No
Census Tract 216	4,123	2,706	65.6%	Yes		4,092	1,032	25.2%		No
Census Tract 775	2,234	698	31.2%		No	2,234	269	12.0%		No
TOTAL Kew Gardens	22,376	11,965	53.5%	4	3	22,268	5,465	24.5%	1	6
Kew Gardens Hills										
Census Tract 779.02	4,829	921	19.1%		No	4,829	990	20.5%		No
Census Tract 779.03	3,166	1,368	43.2%		No	3,164	531	16.8%		No
Census Tract 779.04	5,781	2,565	44.4%		No	5,700	1,997	35.0%	Yes	
Census Tract 779.05	2,626	1,731	65.9%	Yes		2,497	407	16.3%		No
Census Tract 779.06	3,388	1,698	50.1%	Yes		3,369	849	25.2%		No
Census Tract 779.07	3,500	880	25.1%		No	3,330	1,474	44.3%	Yes	
Census Tract 779.08	3,760	2,781	74.0%	Yes		3,494	1,947	55.7%	Yes	
Census Tract 809	7,240	4,149	57.3%	Yes		6,750	1,765	26.1%		No
Census Tract 1257	3,248	2,735	84.2%	Yes		3,119	1,178	37.8%	Yes	
TOTAL Kew Gardens Hills	37,538	18,828	50.2%	5	4	36,252	11,138	30.7%	4	5



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Laurelton										
Census Tract 328	2,769	2,742	99.0%	Yes		2,711	461	17.0%		No
Census Tract 358	4,179	4,110	98.3%	Yes		4,173	630	15.1%		No
Census Tract 616.01	2,145	2,104	98.1%	Yes		2,145	235	11.0%		No
Census Tract 618	1,796	1,731	96.4%	Yes		1,747	209	12.0%		No
Census Tract 620	1,431	1,406	98.3%	Yes		1,425	66	4.6%		No
Census Tract 626	2,805	2,774	98.9%	Yes		2,799	576	20.6%		No
Census Tract 630	1,503	1,478	98.3%	Yes		1,503	103	6.9%		No
Census Tract 632	2,601	2,562	98.5%	Yes		2,593	364	14.0%		No
Census Tract 646	2,976	2,959	99.4%	Yes		2,969	633	21.3%		No
Census Tract 650	2,742	2,666	97.2%	Yes		2,726	358	13.1%		No
Census Tract 682	994	984	99.0%	Yes		975	132	13.5%		No
TOTAL Laurelton	25,941	25,516	98.4%	11	-	25,766	3,767	14.6%	-	11
Lindenwood-Howard Beach										
Census Tract 62.01	5,593	2,226	39.8%		No	5,593	1,136	20.3%		No
Census Tract 62.02	6,459	3,529	54.6%	Yes		6,459	2,616	40.5%	Yes	
Census Tract 892	7,916	1,098	13.9%		No	7,721	1,200	15.5%		No
Census Tract 884	8,345	1,774	21.3%		No	8,304	1,859	22.4%		No
TOTAL Lindenwood-Howard Beach	28,313	8,627	30.5%	1	3	28,077	6,811	24.3%	1	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Maspeth											
Census Tract 493.01	2,209	1,441	65.2%	Yes		2,209	643	29.1%	Yes		
Census Tract 493.02	3,068	1,960	63.9%	Yes		2,833	614	21.7%		No	
Census Tract 495	1,515	509	33.6%		No	1,503	228	15.2%		No	
Census Tract 497	3,131	2,060	65.8%	Yes		3,131	873	27.9%	Yes		
Census Tract 511	2,290	1,021	44.6%		No	2,290	436	19.0%		No	
Census Tract 513	2,439	992	40.7%		No	2,439	493	20.2%		No	
Census Tract 515	3,446	1,275	37.0%		No	3,446	731	21.2%		No	
Census Tract 517	2,007	698	34.8%		No	2,000	479	24.0%		No	
Census Tract 521	2,253	745	33.1%		No	2,244	669	29.8%	Yes		
Census Tract 599	1,255	382	30.4%		No	1,250	346	27.7%	Yes		
Census Tract 601	2,324	1,185	51.0%	Yes		2,310	572	24.8%		No	
Census Tract 525	2,543	1,136	44.7%		No	2,543	798	31.4%	Yes		
Census Tract 531	3,417	1,453	42.5%		No	3,398	1,090	32.1%	Yes		
Census Tract 535	1,432	1,008	70.4%	Yes		1,432	494	34.5%	Yes		
TOTAL Maspeth	33,329	15,865	47.6%	5	9	33,028	8,466	25.6%	7	7	
Middle Village											
Census Tract 505	1,529	856	56.0%	Yes		1,529	500	32.7%	Yes		
Census Tract 507	4,102	2,263	55.2%	Yes		4,102	1,598	39.0%	Yes		
Census Tract 603	2,095	869	41.5%		No	2,088	611	29.3%	Yes		
Census Tract 607.01	14	-	0.0%		No	14	-	0.0%		No	
Census Tract 619	2,683	615	22.9%		No	2,683	445	16.6%		No	
Census Tract 621	2,896	1,321	45.6%		No	2,886	645	22.3%		No	
Census Tract 655.01	-	-	0.0%		No	-	-	0.0%		No	
Census Tract 657.02	1,802	557	30.9%		No	1,791	347	19.4%		No	
Census Tract 657.03	2,746	564	20.5%		No	2,745	422	15.4%		No	
Census Tract 659	1,884	399	21.2%		No	1,884	196	10.4%		No	
Census Tract 661	1,647	271	16.5%		No	1,628	244	15.0%		No	
Census Tract 663	2,771	686	24.8%		No	2,771	162	5.8%		No	
Census Tract 665.01	4,149	934	22.5%		No	4,148	611	14.7%		No	
Census Tract 667.01	2,800	758	27.1%		No	2,800	621	22.2%		No	
Census Tract 669	1,642	250	15.2%		No	1,636	343	21.0%		No	
Census Tract 671	2,455	808	32.9%		No	2,429	246	10.1%		No	
Census Tract 677	1,883	368	19.5%		No	1,883	223	11.8%		No	
Census Tract 679	4,344	2,425	55.8%	Yes		3,964	1,851	46.7%	Yes		
TOTAL Middle Village	41,442	13,944	33.6%	3	15	40,981	9,065	22.1%	4	14	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Murray Hill											
Census Tract 863	6,613	6,105	92.3%	Yes		6,613	3,505	53.0%	Yes		
Census Tract 1047	6,755	4,761	70.5%	Yes		6,755	2,312	34.2%	Yes		
Census Tract 1059	3,907	1,706	43.7%		No	3,906	866	22.2%		No	
Census Tract 1141	2,362	1,346	57.0%	Yes		2,356	425	18.0%		No	
Census Tract 1147	1,726	964	55.9%	Yes		1,726	228	13.2%		No	
Census Tract 1151	915	464	50.7%	Yes		907	243	26.8%		No	
Census Tract 1155	2,150	1,772	82.4%	Yes		2,150	1,108	51.5%	Yes		
Census Tract 1157	3,207	2,653	82.7%	Yes		3,207	1,195	37.3%	Yes		
Census Tract 1159	4,256	3,854	90.6%	Yes		4,255	1,507	35.4%	Yes		
Census Tract 1163	9,346	8,507	91.0%	Yes		8,665	5,948	68.6%	Yes		
Census Tract 1167	1,676	1,646	98.2%	Yes		1,659	943	56.8%	Yes		
Census Tract 1171	2,359	1,743	73.9%	Yes		2,359	759	32.2%	Yes		
Census Tract 1175	4,830	3,122	64.6%	Yes		4,822	1,294	26.8%		No	
TOTAL Murray Hill	50,102	38,643	77.1%	12	1	49,380	20,333	41.2%	8	5	
North Corona											
Census Tract 375	4,116	4,023	97.7%	Yes		4,105	1,942	47.3%	Yes		
Census Tract 377	3,620	3,603	99.5%	Yes		3,553	1,188	33.4%	Yes		
Census Tract 379	6,851	6,788	99.1%	Yes		6,794	3,430	50.5%	Yes		
Census Tract 381	7,216	7,037	97.5%	Yes		7,119	3,852	54.1%	Yes		
Census Tract 401	7,686	7,662	99.7%	Yes		7,616	4,289	56.3%	Yes		
Census Tract 403	7,324	7,283	99.4%	Yes		7,324	3,586	49.0%	Yes		
Census Tract 405	3,377	3,347	99.1%	Yes		3,241	1,515	46.7%	Yes		
Census Tract 407	9,109	8,869	97.4%	Yes		8,901	5,110	57.4%	Yes		
Census Tract 409	5,560	5,492	98.8%	Yes		5,511	2,837	51.5%	Yes		
TOTAL North Corona	54,859	54,104	98.6%	9	-	54,164	27,749	51.2%	9	-	
Oakland Gardens											
Census Tract 1291.02	3,912	1,735	44.4%		No	3,912	386	9.9%		No	
Census Tract 1291.03	3,887	1,654	42.6%		No	3,887	806	20.7%		No	
Census Tract 1367	5,846	4,140	70.8%	Yes		5,846	1,523	26.1%		No	
Census Tract 1385.01	4,617	3,088	66.9%	Yes		4,617	1,115	24.1%		No	
Census Tract 1291.04	4,455	2,659	59.7%	Yes		4,455	829	18.6%		No	
Census Tract 1377	7,123	5,620	78.9%	Yes		7,046	1,480	21.0%		No	
TOTAL Oakland Gardens	29,840	18,896	63.3%	4	2	29,763	6,139	20.6%	-	6	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Old Astoria										
Census Tract 69	3,699	1,922	52.0%	Yes		3,431	1,158	33.8%	Yes	
Census Tract 71	3,344	1,467	43.9%		No	3,344	700	20.9%		No
Census Tract 73	3,933	1,873	47.6%		No	3,933	1,014	25.8%		No
Census Tract 79	2,685	1,422	53.0%	Yes		2,685	1,021	38.0%	Yes	
Census Tract 81	1,269	783	61.7%	Yes		1,262	320	25.4%		No
Census Tract 83	2,409	1,617	67.1%	Yes		2,409	639	26.5%		No
Census Tract 87	4,052	3,657	90.3%	Yes		4,052	3,076	75.9%	Yes	
Census Tract 91	2,303	1,156	50.2%	Yes		2,303	535	23.2%		No
TOTAL Old Astoria	23,694	13,897	58.7%	6	2	23,419	8,463	36.1%	3	5
Oyster Bay										
Census Tract 9901	-	-	0.0%		No	-	-	0.0%		No
TOTAL Oyster Bay	-	-	0.0%	-	1	-	-	0.0%	-	1
Ozone Park										
Census Tract 40.02	1,459	1,296	88.8%	Yes		1,450	586	40.4%	Yes	
Census Tract 86	2,846	2,040	71.7%	Yes		2,840	781	27.5%	Yes	
Census Tract 88	3,663	2,327	63.5%	Yes		3,663	837	22.9%		No
Census Tract 44.01	3,732	3,439	92.1%	Yes		3,732	1,709	45.8%	Yes	
Census Tract 50	49	40	81.6%	Yes		49	40	81.6%	Yes	
Census Tract 54	5,862	4,927	84.0%	Yes		5,829	1,818	31.2%	Yes	
Census Tract 58	6,355	4,756	74.8%	Yes		6,355	1,470	23.1%		No
TOTAL Ozone Park	23,966	18,825	78.5%	7	-	23,918	7,241	30.3%	5	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
park-cemetery-etc-Queens										
Census Tract 99	-	-	0.0%		No	-	-	0.0%		No
Census Tract 916.02	-	-	0.0%		No	-	-	0.0%		No
Census Tract 918	11	-	0.0%		No	11	-	0.0%		No
Census Tract 561	17	17	100.0%	Yes		17	-	0.0%		No
Census Tract 641.02	-	-	0.0%		No	-	-	0.0%		No
Census Tract 229	-	-	0.0%		No	-	-	0.0%		No
Census Tract 793	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1283	-	-	0.0%		No	-	-	0.0%		No
Census Tract 383.01	-	-	0.0%		No	-	-	0.0%		No
Census Tract 383.02	-	-	0.0%		No	-	-	0.0%		No
Census Tract 299	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1211	-	-	0.0%		No	-	-	0.0%		No
Census Tract 624	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1385.02	39	24	61.5%	Yes		39	24	61.5%	Yes	
Census Tract 1072.02	-	-	0.0%		No	-	-	0.0%		No
TOTAL park-cemetery-etc-Queens	67	41	61.2%	2	13	67	24	35.8%	1	14
Pomonok-Flushing Heights-Hillcrest										
Census Tract 1223	3,438	2,486	72.3%	Yes		3,438	819	23.8%		No
Census Tract 1227.01	11,356	8,272	72.8%	Yes		11,317	2,913	25.7%		No
Census Tract 1227.02	7,519	6,231	82.9%	Yes		7,519	4,641	61.7%	Yes	
Census Tract 1241	3,666	2,530	69.0%	Yes		3,659	833	22.8%		No
Census Tract 1247	3,508	1,969	56.1%	Yes		3,508	1,237	35.3%	Yes	
Census Tract 1265	1,743	1,172	67.2%	Yes		1,743	576	33.0%	Yes	
Census Tract 1267	4,716	3,153	66.9%	Yes		2,491	1,129	45.3%	Yes	
TOTAL Pomonok-Flushing Heights-Hillcrest	35,946	25,813	71.8%	7	-	33,675	12,148	36.1%	4	3



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Queens Village										
Census Tract 496	3,146	3,053	97.0%	Yes		3,146	555	17.6%		No
Census Tract 512	2,512	2,503	99.6%	Yes		2,481	473	19.1%		No
Census Tract 516	2,183	2,171	99.5%	Yes		2,175	563	25.9%		No
Census Tract 532	1,996	1,985	99.4%	Yes		1,973	495	25.1%		No
Census Tract 536.01	2,099	2,073	98.8%	Yes		2,099	290	13.8%		No
Census Tract 538	1,781	1,774	99.6%	Yes		1,781	395	22.2%		No
Census Tract 540	4,290	4,260	99.3%	Yes		4,264	1,248	29.3%	Yes	
Census Tract 542	4,737	4,348	91.8%	Yes		4,731	864	18.3%		No
Census Tract 548	2,354	2,324	98.7%	Yes		2,354	465	19.8%		No
Census Tract 552	2,955	2,800	94.8%	Yes		2,880	1,000	34.7%	Yes	
Census Tract 554	2,530	2,128	84.1%	Yes		2,530	743	29.4%	Yes	
Census Tract 556	2,282	2,103	92.2%	Yes		2,246	501	22.3%		No
Census Tract 558	1,702	1,481	87.0%	Yes		1,702	248	14.6%		No
Census Tract 560	1,809	1,521	84.1%	Yes		1,809	599	33.1%	Yes	
Census Tract 562	1,631	1,343	82.3%	Yes		1,631	404	24.8%		No
Census Tract 564	1,178	1,012	85.9%	Yes		1,178	215	18.3%		No
Census Tract 566	1,316	1,189	90.3%	Yes		1,316	255	19.4%		No
Census Tract 568	5,039	4,777	94.8%	Yes		4,996	1,126	22.5%		No
Census Tract 580	4,140	4,106	99.2%	Yes		4,067	1,182	29.1%	Yes	
Census Tract 582	4,838	4,725	97.7%	Yes		4,774	1,130	23.7%		No
TOTAL Queens Village	54,518	51,676	94.8%	20	-	54,133	12,751	23.6%	5	15
Queensboro Hill										
Census Tract 799	3,101	2,883	93.0%	Yes		3,088	1,239	40.1%	Yes	
Census Tract 803.01	3,859	3,363	87.1%	Yes		3,849	1,935	50.3%	Yes	
Census Tract 803.02	3,476	2,840	81.7%	Yes		3,476	1,139	32.8%	Yes	
Census Tract 837	5,283	4,943	93.6%	Yes		5,271	2,113	40.1%	Yes	
Census Tract 1215	4,447	3,645	82.0%	Yes		4,419	1,460	33.0%	Yes	
TOTAL Queensboro Hill	20,166	17,674	87.6%	5	-	20,103	7,886	39.2%	5	-

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Queensbridge-Ravenswood-Long Island City										
Census Tract 25	6,802	6,581	96.8%	Yes		6,802	5,037	74.1%	Yes	
Census Tract 31	1,144	798	69.8%	Yes		1,143	375	32.8%	Yes	
Census Tract 33	3,569	2,458	68.9%	Yes		3,568	1,101	30.9%	Yes	
Census Tract 37	-	-	0.0%		No	-	-	0.0%		No
Census Tract 39	1,439	981	68.2%	Yes		1,439	701	48.7%	Yes	
Census Tract 43	2,283	2,197	96.2%	Yes		2,266	1,577	69.6%	Yes	
Census Tract 51	1,866	1,359	72.8%	Yes		1,866	1,051	56.3%	Yes	
Census Tract 55	952	716	75.2%	Yes		952	290	30.5%	Yes	
Census Tract 85	883	551	62.4%	Yes		878	511	58.2%	Yes	
TOTAL Queensbridge-Ravenswood-Long Island City	18,938	15,641	82.6%	8	1	18,914	10,643	56.3%	8	1
Rego Park										
Census Tract 687	4,188	2,673	63.8%	Yes		4,188	1,113	26.6%		No
Census Tract 693	3,151	2,129	67.6%	Yes		3,151	955	30.3%	Yes	
Census Tract 695	2,211	1,193	54.0%	Yes		2,196	613	27.9%	Yes	
Census Tract 697.01	4,322	2,632	60.9%	Yes		4,322	1,079	25.0%		No
Census Tract 697.02	3,518	2,052	58.3%	Yes		3,518	522	14.8%		No
Census Tract 703	2,103	1,145	54.4%	Yes		2,103	444	21.1%		No
Census Tract 717.01	4,805	2,649	55.1%	Yes		4,805	1,717	35.7%	Yes	
Census Tract 717.02	3,915	2,730	69.7%	Yes		3,915	1,031	26.3%		No
TOTAL Rego Park	28,213	17,203	61.0%	8	-	28,198	7,474	26.5%	3	5

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Richmond Hill											
Census Tract 112	2,279	1,746	76.6%	Yes		2,259	734	32.5%	Yes		
Census Tract 114	1,303	1,041	79.9%	Yes		1,303	720	55.3%	Yes		
Census Tract 26	2,272	1,916	84.3%	Yes		2,272	807	35.5%	Yes		
Census Tract 116	1,980	1,785	90.2%	Yes		1,969	622	31.6%	Yes		
Census Tract 126.01	2,750	2,575	93.6%	Yes		2,745	736	26.8%		No	
Census Tract 126.02	2,792	2,405	86.1%	Yes		2,792	1,018	36.5%	Yes		
Census Tract 128	2,380	1,782	74.9%	Yes		2,364	715	30.2%	Yes		
Census Tract 130	1,688	1,048	62.1%	Yes		1,682	585	34.8%	Yes		
Census Tract 24	2,382	2,175	91.3%	Yes		2,382	776	32.6%	Yes		
Census Tract 28	3,573	3,079	86.2%	Yes		3,560	1,255	35.3%	Yes		
Census Tract 110	3,234	2,848	88.1%	Yes		3,234	887	27.4%	Yes		
Census Tract 108	3,364	3,228	96.0%	Yes		3,334	1,295	38.8%	Yes		
Census Tract 118	2,522	2,472	98.0%	Yes		2,522	868	34.4%	Yes		
Census Tract 120	2,365	2,251	95.2%	Yes		2,365	985	41.6%	Yes		
Census Tract 122	3,128	3,011	96.3%	Yes		3,107	1,158	37.3%	Yes		
Census Tract 124	3,374	3,087	91.5%	Yes		3,370	821	24.4%		No	
Census Tract 132	2,265	1,441	63.6%	Yes		2,265	805	35.5%	Yes		
Census Tract 142.01	4,334	4,079	94.1%	Yes		4,334	1,348	31.1%	Yes		
Census Tract 142.02	2,856	2,683	93.9%	Yes		2,555	1,160	45.4%	Yes		
Census Tract 144	1,915	1,802	94.1%	Yes		1,886	841	44.6%	Yes		
Census Tract 148	1,719	1,674	97.4%	Yes		1,708	652	38.2%	Yes		
Census Tract 150	2,899	2,860	98.7%	Yes		2,899	801	27.6%	Yes		
Census Tract 152	2,822	2,717	96.3%	Yes		2,819	1,098	39.0%	Yes		
Census Tract 154	2,170	2,103	96.9%	Yes		2,159	636	29.5%	Yes		
Census Tract 156	2,908	2,805	96.5%	Yes		2,902	793	27.3%	Yes		
TOTAL Richmond Hill	65,274	58,613	89.8%	25	-	64,787	22,116	34.1%	23	2	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Ridgewood											
Census Tract 555	2,335	1,837	78.7%	Yes		2,295	853	37.2%	Yes		
Census Tract 557	4,275	3,030	70.9%	Yes		4,275	1,610	37.7%	Yes		
Census Tract 559	1,184	974	82.3%	Yes		1,179	544	46.1%	Yes		
Census Tract 581	3,048	1,431	46.9%		No	3,048	1,081	35.5%	Yes		
Census Tract 583	3,736	1,659	44.4%		No	3,736	764	20.4%		No	
Census Tract 585	4,464	2,254	50.5%	Yes		4,464	1,346	30.2%	Yes		
Census Tract 587	3,550	1,059	29.8%		No	3,550	1,127	31.7%	Yes		
Census Tract 593	4,217	1,517	36.0%		No	4,215	1,026	24.3%		No	
Census Tract 613.01	5,742	2,686	46.8%		No	5,726	1,612	28.2%	Yes		
Census Tract 613.02	-	-	0.0%		No	-	-	0.0%		No	
Census Tract 539	4,433	3,032	68.4%	Yes		4,420	998	22.6%		No	
Census Tract 545	4,039	3,077	76.2%	Yes		4,039	1,608	39.8%	Yes		
Census Tract 547	5,048	3,963	78.5%	Yes		5,005	2,057	41.1%	Yes		
Census Tract 549	6,437	5,038	78.3%	Yes		6,409	2,405	37.5%	Yes		
Census Tract 551	4,244	2,522	59.4%	Yes		4,242	1,327	31.3%	Yes		
Census Tract 553	2,786	2,274	81.6%	Yes		2,786	1,208	43.4%	Yes		
Census Tract 589	5,296	2,568	48.5%		No	5,227	2,107	40.3%	Yes		
Census Tract 591	5,736	3,123	54.4%	Yes		5,736	1,101	19.2%		No	
Census Tract 595	5,533	2,887	52.2%	Yes		5,531	1,576	28.5%	Yes		
TOTAL Ridgewood	76,103	44,931	59.0%	12	7	75,883	24,350	32.1%	14	5	
Rosedale											
Census Tract 616.02	1,118	1,094	97.9%	Yes		1,118	54	4.8%		No	
Census Tract 638	3,516	3,408	96.9%	Yes		3,515	684	19.5%		No	
Census Tract 654	3,782	3,746	99.0%	Yes		3,718	785	21.1%		No	
Census Tract 656	4,966	4,768	96.0%	Yes		4,952	1,198	24.2%		No	
Census Tract 660	3,318	3,196	96.3%	Yes		3,317	1,130	34.1%	Yes		
Census Tract 664	9,980	9,605	96.2%	Yes		9,888	1,257	12.7%		No	
TOTAL Rosedale	26,680	25,817	96.8%	6	-	26,508	5,108	19.3%	1	5	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
South Jamaica										
Census Tract 194	2,892	2,854	98.7%	Yes		2,892	674	23.3%		No
Census Tract 196	3,050	3,020	99.0%	Yes		3,027	682	22.5%		No
Census Tract 198	2,917	2,882	98.8%	Yes		2,905	1,008	34.7%	Yes	
Census Tract 202	1,762	1,751	99.4%	Yes		1,736	493	28.4%	Yes	
Census Tract 254	10,118	9,857	97.4%	Yes		10,055	5,528	55.0%	Yes	
Census Tract 258	2,261	2,253	99.6%	Yes		2,261	695	30.7%	Yes	
Census Tract 260	2,757	2,719	98.6%	Yes		2,757	850	30.8%	Yes	
Census Tract 262	1,270	1,261	99.3%	Yes		1,270	301	23.7%		No
Census Tract 264	2,501	2,489	99.5%	Yes		2,468	1,029	41.7%	Yes	
Census Tract 266	1,745	1,721	98.6%	Yes		1,745	884	50.7%	Yes	
Census Tract 270	2,190	2,105	96.1%	Yes		2,181	516	23.7%		No
Census Tract 414	4,551	4,416	97.0%	Yes		4,543	1,977	43.5%	Yes	
Census Tract 434	1,795	1,729	96.3%	Yes		1,795	226	12.6%		No
Census Tract 440	3,980	3,922	98.5%	Yes		3,974	1,146	28.8%	Yes	
TOTAL South Jamaica	43,789	42,979	98.2%	14	-	43,609	16,009	36.7%	9	5



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
South Ozone Park										
Census Tract 94	2,769	2,523	91.1%	Yes		2,760	1,056	38.3%	Yes	
Census Tract 96	3,522	3,200	90.9%	Yes		3,516	598	17.0%		No
Census Tract 98	2,705	2,682	99.1%	Yes		2,705	972	35.9%	Yes	
Census Tract 100	3,686	3,315	89.9%	Yes		3,686	918	24.9%		No
Census Tract 102	2,817	2,611	92.7%	Yes		2,795	993	35.5%	Yes	
Census Tract 104	3,014	2,824	93.7%	Yes		3,014	711	23.6%		No
Census Tract 106	3,733	3,644	97.6%	Yes		3,727	1,141	30.6%	Yes	
Census Tract 158.02	4,872	4,714	96.8%	Yes		4,862	1,031	21.2%		No
Census Tract 164	3,786	3,722	98.3%	Yes		3,769	887	23.5%		No
Census Tract 166	3,984	3,855	96.8%	Yes		3,970	956	24.1%		No
Census Tract 168	3,257	3,176	97.5%	Yes		3,231	834	25.8%		No
Census Tract 170	2,622	2,585	98.6%	Yes		2,622	910	34.7%	Yes	
Census Tract 172	1,913	1,884	98.5%	Yes		1,905	565	29.7%	Yes	
Census Tract 174	2,285	2,261	98.9%	Yes		2,285	457	20.0%		No
Census Tract 176	2,135	2,013	94.3%	Yes		2,135	570	26.7%		No
Census Tract 178	2,257	2,213	98.1%	Yes		2,249	708	31.5%	Yes	
Census Tract 180	1,328	1,205	90.7%	Yes		1,322	435	32.9%	Yes	
Census Tract 814	4,117	4,117	100.0%	Yes		4,090	1,028	25.1%		No
Census Tract 818	3,909	3,703	94.7%	Yes		3,856	1,451	37.6%	Yes	
Census Tract 838	5,260	4,820	91.6%	Yes		5,260	836	15.9%		No
Census Tract 840	6,027	5,610	93.1%	Yes		6,008	1,999	33.3%	Yes	
Census Tract 846.01	3,268	2,861	87.5%	Yes		3,257	734	22.5%		No
Census Tract 846.02	925	830	89.7%	Yes		921	583	63.3%	Yes	
Census Tract 864	2,727	2,362	86.6%	Yes		2,727	924	33.9%	Yes	
Census Tract 158.01	3,746	3,736	99.7%	Yes		3,673	1,146	31.2%	Yes	
TOTAL South Ozone Park	80,664	76,466	94.8%	25	-	80,345	22,443	27.9%	13	12
Springfield Gardens North										
Census Tract 294	7,000	6,896	98.5%	Yes		6,774	2,060	30.4%	Yes	
Census Tract 330	7,192	7,119	99.0%	Yes		7,162	1,579	22.0%		No
Census Tract 334.02	12,854	12,783	99.4%	Yes		12,854	2,912	22.7%		No
TOTAL Springfield Gardens North	27,046	26,798	99.1%	3	-	26,790	6,551	24.5%	1	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT		
				(YES)	(NO)				(YES)	(NO)	
Springfield Gardens South-Brookville											
Census Tract 306	4,760	4,603	96.7%	Yes		4,581	1,429	31.2%	Yes		
Census Tract 320	4,930	4,825	97.9%	Yes		4,201	1,080	25.7%		No	
Census Tract 690	3,752	3,638	97.0%	Yes		3,741	804	21.5%		No	
Census Tract 680	5,299	5,285	99.7%	Yes		5,294	824	15.6%		No	
Census Tract 694	3,455	3,331	96.4%	Yes		3,427	829	24.2%		No	
TOTAL Springfield Gardens South-Brookville	22,196	21,682	97.7%	5	-	21,244	4,966	23.4%	1	4	
St. Albans											
Census Tract 282	1,894	1,865	98.5%	Yes		1,894	388	20.5%		No	
Census Tract 334.01	3,767	3,743	99.4%	Yes		3,681	692	18.8%		No	
Census Tract 352	2,780	2,604	93.7%	Yes		2,774	697	25.1%		No	
Census Tract 366	2,731	2,714	99.4%	Yes		2,722	803	29.5%	Yes		
Census Tract 368	2,495	2,473	99.1%	Yes		2,495	483	19.4%		No	
Census Tract 376	6,121	6,081	99.3%	Yes		6,121	918	15.0%		No	
Census Tract 280	1,670	1,656	99.2%	Yes		1,670	286	17.1%		No	
Census Tract 394	2,986	2,969	99.4%	Yes		2,979	730	24.5%		No	
Census Tract 398	1,675	1,651	98.6%	Yes		1,675	276	16.5%		No	
Census Tract 400	1,529	1,517	99.2%	Yes		1,500	280	18.7%		No	
Census Tract 402	1,640	1,631	99.5%	Yes		1,640	446	27.2%	Yes		
Census Tract 404	4,138	4,099	99.1%	Yes		4,105	1,025	25.0%		No	
Census Tract 424	2,414	2,403	99.5%	Yes		2,319	507	21.9%		No	
Census Tract 426	477	307	64.4%	Yes		128	128	100.0%	Yes		
Census Tract 432	1,244	1,244	100.0%	Yes		1,227	231	18.8%		No	
Census Tract 520	1,410	1,393	98.8%	Yes		1,393	179	12.9%		No	
Census Tract 522	1,760	1,760	100.0%	Yes		1,760	239	13.6%		No	
Census Tract 524	1,988	1,988	100.0%	Yes		1,985	366	18.4%		No	
Census Tract 526	1,933	1,791	92.7%	Yes		1,933	409	21.2%		No	
Census Tract 528	1,434	1,434	100.0%	Yes		1,434	281	19.6%		No	
Census Tract 384	2,411	2,398	99.5%	Yes		2,343	516	22.0%		No	
Census Tract 518	2,181	2,180	100.0%	Yes		2,181	277	12.7%		No	
Census Tract 530	2,473	2,441	98.7%	Yes		2,473	420	17.0%		No	
TOTAL St. Albans	53,151	52,342	98.5%	23	-	52,432	10,577	20.2%	3	20	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Steinway										
Census Tract 95	2,276	826	36.3%		No	2,262	650	28.7%	Yes	
Census Tract 107.01	-	-	0.0%		No	-	-	0.0%		No
Census Tract 121	2,034	581	28.6%		No	2,034	367	18.0%		No
Census Tract 123.01	2,782	951	34.2%		No	2,782	594	21.4%		No
Census Tract 135	1,306	203	15.5%		No	1,306	213	16.3%		No
Census Tract 317	5,568	1,495	26.8%		No	5,544	1,219	22.0%		No
Census Tract 97	3,693	1,150	31.1%		No	3,693	400	10.8%		No
Census Tract 101	2,382	597	25.1%		No	2,371	472	19.9%		No
Census Tract 103	4,136	1,673	40.4%		No	4,136	905	21.9%		No
Census Tract 105	4,522	2,388	52.8%	Yes		4,522	1,751	38.7%	Yes	
Census Tract 111	3,116	1,321	42.4%		No	3,085	804	26.1%		No
Census Tract 113	4,463	2,120	47.5%		No	4,455	1,013	22.7%		No
Census Tract 115	2,438	790	32.4%		No	2,438	330	13.5%		No
Census Tract 117	3,574	928	26.0%		No	3,574	741	20.7%		No
Census Tract 119	1,409	550	39.0%		No	1,409	388	27.5%	Yes	
Census Tract 125	1,762	743	42.2%		No	1,762	436	24.7%		No
Census Tract 137	1,773	437	24.6%		No	1,773	295	16.6%		No
TOTAL Steinway	47,234	16,753	35.5%	1	16	47,146	10,578	22.4%	3	14

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Whitestone										
Census Tract 945	3,654	1,883	51.5%	Yes		3,654	1,112	30.4%	Yes	
Census Tract 973	1,763	497	28.2%		No	1,756	195	11.1%		No
Census Tract 981	2,236	759	33.9%		No	2,227	321	14.4%		No
Census Tract 987	2,434	478	19.6%		No	2,434	453	18.6%		No
Census Tract 991	7,204	1,862	25.8%		No	7,194	993	13.8%		No
Census Tract 1029	3,598	1,238	34.4%		No	3,431	695	20.3%		No
Census Tract 1033	4,577	2,033	44.4%		No	4,577	966	21.1%		No
Census Tract 1039	6,283	3,661	58.3%	Yes		6,283	1,536	24.4%		No
TOTAL Whitestone	31,749	12,411	39.1%	2	6	31,556	6,271	19.9%	1	7
Woodhaven										
Census Tract 6	4,107	3,823	93.1%	Yes		4,075	1,210	29.7%	Yes	
Census Tract 8	3,193	2,828	88.6%	Yes		3,156	907	28.7%	Yes	
Census Tract 32	1,764	1,566	88.8%	Yes		1,757	558	31.8%	Yes	
Census Tract 34	2,612	2,313	88.6%	Yes		2,607	1,062	40.7%	Yes	
Census Tract 36	3,584	3,297	92.0%	Yes		3,572	823	23.0%		No
Census Tract 38	2,757	2,536	92.0%	Yes		2,756	1,158	42.0%	Yes	
Census Tract 40.01	2,365	1,704	72.1%	Yes		2,364	734	31.0%	Yes	
Census Tract 42	4,016	3,585	89.3%	Yes		3,998	1,880	47.0%	Yes	
Census Tract 52	2,817	2,524	89.6%	Yes		2,808	1,028	36.6%	Yes	
Census Tract 2	3,019	2,622	86.9%	Yes		3,002	1,025	34.1%	Yes	
Census Tract 4	4,476	4,293	95.9%	Yes		4,465	1,942	43.5%	Yes	
Census Tract 10	4,618	4,060	87.9%	Yes		4,597	1,374	29.9%	Yes	
Census Tract 12	3,578	2,842	79.4%	Yes		3,578	987	27.6%	Yes	
Census Tract 14	4,308	3,508	81.4%	Yes		4,289	1,504	35.1%	Yes	
Census Tract 16	2,420	2,168	89.6%	Yes		2,418	488	20.2%		No
Census Tract 18	2,796	2,408	86.1%	Yes		2,775	916	33.0%	Yes	
Census Tract 20	1,721	1,497	87.0%	Yes		1,721	346	20.1%		No
Census Tract 22	2,314	1,884	81.4%	Yes		2,312	627	27.1%	Yes	
Census Tract 30	1,524	1,134	74.4%	Yes		1,506	421	28.0%	Yes	
Census Tract 641.01	2,388	907	38.0%		No	2,388	340	14.2%		No
TOTAL Woodhaven	60,377	51,499	85.3%	19	1	60,144	19,330	32.1%	16	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Woodside										
Census Tract 245	4,422	2,344	53.0%	Yes		4,422	1,056	23.9%		No
Census Tract 247	1,466	1,252	85.4%	Yes		1,460	448	30.7%	Yes	
Census Tract 259	3,486	2,907	83.4%	Yes		3,486	1,143	32.8%	Yes	
Census Tract 261	6,508	6,060	93.1%	Yes		6,498	2,610	40.2%	Yes	
Census Tract 263	5,857	5,087	86.9%	Yes		5,857	2,142	36.6%	Yes	
Census Tract 293	1,090	984	90.3%	Yes		1,090	253	23.2%		No
Census Tract 297	2,038	1,478	72.5%	Yes		2,011	500	24.9%		No
Census Tract 249	4,838	3,945	81.5%	Yes		4,605	1,568	34.0%	Yes	
Census Tract 251	5,611	3,711	66.1%	Yes		5,602	1,790	32.0%	Yes	
Census Tract 255	1,524	1,212	79.5%	Yes		1,524	423	27.8%	Yes	
Census Tract 257	1,500	1,181	78.7%	Yes		1,490	445	29.9%	Yes	
Census Tract 295	3,602	2,301	63.9%	Yes		3,594	604	16.8%		No
TOTAL Woodside	41,942	32,462	77.4%	12	-	41,639	12,982	31.2%	8	4
TOTAL Queens County	2,287,388	1,714,485	75.0%	519	150	2,259,939	700,578	31.0%	336	333



Table 17C-6

## Environmental Justice Populations: Richmond County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Richmond County, New York										
Annadale-Huguenot-Prince's Bay-Eltingville										
Census Tract 176	4,849	337	6.9%		No	4,849	570	11.8%		No
Census Tract 198	7,410	1,324	17.9%		No	7,407	915	12.4%		No
Census Tract 170.05	5,114	1,005	19.7%		No	5,114	507	9.9%		No
Census Tract 170.11	4,865	778	16.0%		No	4,824	993	20.6%		No
Census Tract 170.12	4,321	942	21.8%		No	4,321	822	19.0%		No
Census Tract 156.02	3,242	278	8.6%		No	3,222	327	10.1%		No
TOTAL Annadale-Huguenot-Prince's Bay-Eltingville	29,801	4,664	15.7%	-	6	29,737	4,134	13.9%	-	6
Arden Heights										
Census Tract 170.07	5,547	2,110	38.0%		No	5,547	1,153	20.8%		No
Census Tract 170.08	7,795	816	10.5%		No	7,795	515	6.6%		No
Census Tract 170.09	4,485	589	13.1%		No	4,485	796	17.7%		No
Census Tract 170.1	9,060	2,708	29.9%		No	8,979	1,619	18.0%		No
TOTAL Arden Heights	26,887	6,223	23.1%	-	4	26,806	4,083	15.2%	-	4
Charleston-Richmond Valley-Tottenville										
Census Tract 244.01	6,228	1,045	16.8%		No	6,189	731	11.8%		No
Census Tract 244.02	4,426	441	10.0%		No	4,426	466	10.5%		No
Census Tract 248	5,039	936	18.6%		No	4,936	974	19.7%		No
Census Tract 226	8,141	1,099	13.5%		No	8,117	509	6.3%		No
TOTAL Charleston-Richmond Valley-Tottenville	23,834	3,521	14.8%	-	4	23,668	2,680	11.3%	-	4
Grasmere-Arrochar-Ft. Wadsworth										
Census Tract 18	588	233	39.6%		No	548	68	12.4%		No
Census Tract 20.02	3,473	943	27.2%		No	3,419	872	25.5%		No
Census Tract 50	4,004	1,522	38.0%		No	3,993	1,014	25.4%		No
Census Tract 64	3,450	1,537	44.6%	Yes		3,431	1,381	40.3%	Yes	
Census Tract 74	4,902	2,011	41.0%		No	4,837	1,383	28.6%	Yes	
TOTAL Grasmere-Arrochar-Ft. Wadsworth	16,417	6,246	38.0%	1	4	16,228	4,718	29.1%	2	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Great Kills										
Census Tract 132.03	5,729	1,063	18.6%		No	5,728	764	13.3%		No
Census Tract 146.05	3,853	399	10.4%		No	3,844	476	12.4%		No
Census Tract 146.06	5,963	700	11.7%		No	5,963	522	8.8%		No
Census Tract 156.01	6,391	749	11.7%		No	6,391	674	10.5%		No
Census Tract 156.03	4,844	941	19.4%		No	4,844	872	18.0%		No
Census Tract 146.04	6,866	1,326	19.3%		No	6,866	771	11.2%		No
Census Tract 146.07	4,601	848	18.4%		No	4,601	701	15.2%		No
Census Tract 146.08	3,477	622	17.9%		No	3,477	319	9.2%		No
TOTAL Great Kills	41,724	6,648	15.9%	-	8	41,714	5,099	12.2%	-	8
Grymes Hill-Clifton-Fox Hills										
Census Tract 33	3,751	2,204	58.8%	Yes		3,744	785	21.0%		No
Census Tract 39	2,376	1,160	48.8%	Yes		2,030	408	20.1%		No
Census Tract 47	2,805	759	27.1%		No	2,221	385	17.3%		No
Census Tract 40	12,548	11,518	91.8%	Yes		12,336	5,359	43.4%	Yes	
TOTAL Grymes Hill-Clifton-Fox Hills	21,480	15,641	72.8%	3	1	20,331	6,937	34.1%	1	3
Mariner's Harbor-Arlington-Port Ivory-Graniteville										
Census Tract 323	1,073	887	82.7%	Yes		1,073	361	33.6%	Yes	
Census Tract 239	3,853	2,914	75.6%	Yes		3,834	1,303	34.0%	Yes	
Census Tract 231	5,276	4,371	82.8%	Yes		5,237	1,832	35.0%	Yes	
Census Tract 303.01	4,972	3,110	62.6%	Yes		4,957	939	18.9%		No
Census Tract 303.02	6,702	4,716	70.4%	Yes		6,640	1,639	24.7%		No
Census Tract 319.01	2,816	2,403	85.3%	Yes		2,801	1,503	53.7%	Yes	
Census Tract 319.02	5,343	4,780	89.5%	Yes		5,321	2,306	43.3%	Yes	
Census Tract 223	2,745	2,305	84.0%	Yes		2,745	1,263	46.0%	Yes	
TOTAL Mariner's Harbor-Arlington-Port Ivory-Graniteville	32,780	25,486	77.7%	8	-	32,608	11,146	34.2%	6	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
New Brighton-Silver Lake										
Census Tract 59	3,067	840	27.4%		No	3,056	770	25.2%		No
Census Tract 67	2,468	383	15.5%		No	2,457	242	9.8%		No
Census Tract 75	4,299	2,524	58.7%	Yes		3,714	1,691	45.5%	Yes	
Census Tract 105	4,372	2,524	57.7%	Yes		4,300	1,498	34.8%	Yes	
Census Tract 121	3,143	763	24.3%		No	3,143	529	16.8%		No
TOTAL New Brighton-Silver Lake	17,349	7,034	40.5%	2	3	16,670	4,730	28.4%	2	3
New Dorp-Midland Beach										
Census Tract 112.02	5,731	2,800	48.9%	Yes		5,731	1,444	25.2%		No
Census Tract 114.02	3,398	921	27.1%		No	3,398	500	14.7%		No
Census Tract 122	3,938	730	18.5%		No	3,937	526	13.4%		No
Census Tract 128.04	4,042	977	24.2%		No	4,042	910	22.5%		No
Census Tract 134	4,099	837	20.4%		No	4,099	791	19.3%		No
TOTAL New Dorp-Midland Beach	21,208	6,265	29.5%	1	4	21,207	4,171	19.7%	-	5
New Springville-Bloomfield-Travis										
Census Tract 228	23	5	21.7%		No	23	-	0.0%		No
Census Tract 291.02	3,006	1,425	47.4%	Yes		3,006	494	16.4%		No
Census Tract 291.03	8,266	2,829	34.2%		No	8,266	971	11.7%		No
Census Tract 173	2,343	1,620	69.1%	Yes		2,343	931	39.7%	Yes	
Census Tract 187.02	7,947	3,156	39.7%		No	7,234	1,401	19.4%		No
Census Tract 189.02	5,504	2,334	42.4%		No	5,504	1,381	25.1%		No
Census Tract 273.01	3,782	1,717	45.4%	Yes		3,782	881	23.3%		No
Census Tract 273.02	4,060	1,063	26.2%		No	4,050	1,126	27.8%	Yes	
Census Tract 291.04	7,229	2,768	38.3%		No	7,229	1,275	17.6%		No
TOTAL New Springville-Bloomfield-Travis	42,160	16,917	40.1%	3	6	41,437	8,460	20.4%	2	7

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Oakwood-Oakwood Beach										
Census Tract 128.05	2,605	531	20.4%		No	2,573	714	27.7%	Yes	
Census Tract 128.06	5,445	2,158	39.6%		No	5,428	1,883	34.7%	Yes	
Census Tract 132.01	1,480	309	20.9%		No	1,480	154	10.4%		No
Census Tract 132.04	4,863	850	17.5%		No	4,863	829	17.0%		No
Census Tract 138	6,092	1,383	22.7%		No	6,092	1,335	21.9%		No
TOTAL Oakwood-Oakwood Beach	20,485	5,231	25.5%	-	5	20,436	4,915	24.1%	2	3
Old Town-Dongan Hills-South Beach										
Census Tract 96.01	4,489	1,113	24.8%		No	4,257	741	17.4%		No
Census Tract 96.02	3,149	888	28.2%		No	3,149	426	13.5%		No
Census Tract 112.01	6,358	1,868	29.4%		No	6,329	1,278	20.2%		No
Census Tract 114.01	2,971	1,667	56.1%	Yes		2,971	998	33.6%	Yes	
Census Tract 70	9,480	3,600	38.0%		No	9,142	2,249	24.6%		No
TOTAL Old Town-Dongan Hills-South Beach	26,447	9,136	34.5%	1	4	25,848	5,692	22.0%	1	4
park-cemetery-etc-Staten Island										
Census Tract 154	-	-	0.0%		No	-	-	0.0%		No
TOTAL park-cemetery-etc-Staten Island	-	-	0.0%	-	-	-	-	0.0%	-	-
Port Richmond										
Census Tract 213	4,681	3,083	65.9%	Yes		4,634	1,821	39.3%	Yes	
Census Tract 247	2,994	2,245	75.0%	Yes		2,987	900	30.1%	Yes	
Census Tract 251	6,119	2,133	34.9%		No	6,119	620	10.1%		No
Census Tract 207	5,499	5,030	91.5%	Yes		5,484	2,463	44.9%	Yes	
TOTAL Port Richmond	19,293	12,491	64.7%	3	1	19,224	5,804	30.2%	3	1
Rossville-Woodrow										
Census Tract 208.01	8,498	1,281	15.1%		No	8,453	1,503	17.8%		No
Census Tract 208.03	7,381	832	11.3%		No	7,360	1,379	18.7%		No
Census Tract 208.04	5,991	827	13.8%		No	5,991	931	15.5%		No
TOTAL Rossville-Woodrow	21,870	2,940	13.4%	-	3	21,804	3,813	17.5%	-	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Stapleton-Rosebank										
Census Tract 6	2,311	981	42.4%		No	2,277	658	28.9%	Yes	
Census Tract 8	5,238	2,595	49.5%	Yes		5,238	1,439	27.5%	Yes	
Census Tract 17	1,475	944	64.0%	Yes		1,475	682	46.2%	Yes	
Census Tract 20.01	2,502	1,303	52.1%	Yes		2,502	513	20.5%		No
Census Tract 21	4,469	3,467	77.6%	Yes		4,343	1,590	36.6%	Yes	
Census Tract 27	1,751	1,213	69.3%	Yes		1,133	785	69.3%	Yes	
Census Tract 29	4,702	4,304	91.5%	Yes		4,692	2,735	58.3%	Yes	
Census Tract 36	2,833	1,550	54.7%	Yes		2,833	433	15.3%		No
TOTAL Stapleton-Rosebank	25,281	16,357	64.7%	7	1	24,493	8,835	36.1%	6	2
Todt Hill-Emerson Hill-Heartland Village-Lighthouse Hill										
Census Tract 177	5,983	1,101	18.4%		No	5,983	626	10.5%		No
Census Tract 181	3,055	510	16.7%		No	2,846	580	20.4%		No
Census Tract 277.04	4,629	1,272	27.5%		No	4,622	984	21.3%		No
Census Tract 279	2,219	444	20.0%		No	1,754	225	12.8%		No
Census Tract 277.02	6,893	2,620	38.0%		No	6,891	1,814	26.3%		No
Census Tract 277.05	5,809	2,384	41.0%		No	5,773	1,640	28.4%	Yes	
Census Tract 277.06	3,489	1,450	41.6%		No	3,476	643	18.5%		No
TOTAL Todt Hill-Emerson Hill-Heartland Village-Lighthouse	32,077	9,781	30.5%	-	7	31,345	6,512	20.8%	1	6



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
West New Brighton-New Brighton-St. George										
Census Tract 125	3,047	1,762	57.8%	Yes		3,040	926	30.5%	Yes	
Census Tract 133.01	1,095	1,055	96.3%	Yes		1,089	834	76.6%	Yes	
Census Tract 141	2,287	1,521	66.5%	Yes		2,265	518	22.9%		No
Census Tract 77	1,526	1,372	89.9%	Yes		1,525	577	37.8%	Yes	
Census Tract 81	4,313	2,975	69.0%	Yes		3,911	1,323	33.8%	Yes	
Census Tract 97	4,535	2,816	62.1%	Yes		4,535	848	18.7%		No
Census Tract 133.02	3,096	2,920	94.3%	Yes		3,096	1,450	46.8%	Yes	
Census Tract 3	2,004	1,033	51.5%	Yes		1,963	576	29.3%	Yes	
Census Tract 7	4,557	3,707	81.3%	Yes		4,557	2,115	46.4%	Yes	
Census Tract 9	1,510	1,146	75.9%	Yes		1,510	804	53.2%	Yes	
Census Tract 11	3,314	2,794	84.3%	Yes		3,308	1,682	50.8%	Yes	
TOTAL West New Brighton-New Brighton-St. George	31,284	23,101	73.8%	11	-	30,799	11,653	37.8%	9	2
Westerleigh										
Census Tract 147	3,124	515	16.5%		No	3,124	310	9.9%		No
Census Tract 151	5,374	1,397	26.0%		No	5,354	1,204	22.5%		No
Census Tract 169.01	3,808	1,070	28.1%		No	3,808	547	14.4%		No
Census Tract 187.01	1,874	725	38.7%		No	1,858	406	21.9%		No
Census Tract 189.01	5,057	1,669	33.0%		No	5,039	1,100	21.8%		No
Census Tract 197	1,755	258	14.7%		No	1,755	242	13.8%		No
Census Tract 201	3,524	1,826	51.8%	Yes		3,517	572	16.3%		No
TOTAL Westerleigh	24,516	7,460	30.4%	1	6	24,455	4,381	17.9%	-	7
TOTAL Richmond County	474,893	185,142	39.0%	41	68	468,810	107,763	23.0%	35	74

Table 17C-7

Environmental Justice Populations: Nassau County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Nassau County, New York										
Glen Cove										
Census Tract 5170	3,543	1,184	33.4%		No	3,179	478	15.0%		No
Census Tract 5171.01	5,092	2,184	42.9%		No	5,081	1,323	26.0%		No
Census Tract 5171.02	2,412	927	38.4%		No	2,198	148	6.7%		No
Census Tract 5172	7,715	5,037	65.3%	Yes		7,715	3,168	41.1%	Yes	
Census Tract 5173.01	3,213	1,036	32.2%		No	3,193	652	20.4%		No
Census Tract 5173.02	5,257	1,958	37.2%		No	5,235	1,424	27.2%	Yes	
TOTAL Glen Cove	27,232	12,326	45.3%	1	5	26,601	7,193	27.0%	2	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hempstead										
Census Tract 4114	6,669	1,282	19.2%		No	6,464	505	7.8%		No
Census Tract 4115	2,653	327	12.3%		No	2,653	117	4.4%		No
Census Tract 4116	6,480	251	3.9%		No	6,480	725	11.2%		No
Census Tract 4110	5,579	3,449	61.8%	Yes		5,565	1,686	30.3%	Yes	
Census Tract 4111	4,377	3,508	80.1%	Yes		4,377	1,854	42.4%	Yes	
Census Tract 4112	6,642	711	10.7%		No	6,641	848	12.8%		No
Census Tract 4163	3,206	371	11.6%		No	3,206	487	15.2%		No
Census Tract 4122	5,008	822	16.4%		No	5,008	732	14.6%		No
Census Tract 4130.02	4,193	925	22.1%		No	4,193	835	19.9%		No
Census Tract 4132	5,745	1,322	23.0%		No	5,745	741	12.9%		No
Census Tract 4134	5,498	728	13.2%		No	5,498	319	5.8%		No
Census Tract 4138.03	3,948	2,640	66.9%	Yes		3,938	287	7.3%		No
Census Tract 4138.04	3,675	1,809	49.2%	Yes		3,645	433	11.9%		No
Census Tract 4162.02	4,835	2,177	45.0%	Yes		4,670	1,005	21.5%		No
Census Tract 4098	5,718	5,400	94.4%	Yes		5,689	970	17.1%		No
Census Tract 4099	8,617	7,438	86.3%	Yes		8,586	1,298	15.1%		No
Census Tract 4100	4,326	2,988	69.1%	Yes		4,262	313	7.3%		No
Census Tract 4101	5,683	1,098	19.3%		No	5,683	387	6.8%		No
Census Tract 4103	6,756	5,508	81.5%	Yes		6,756	692	10.2%		No
Census Tract 4105	7,306	5,549	76.0%	Yes		7,306	1,286	17.6%		No
Census Tract 4106	7,489	5,376	71.8%	Yes		7,447	1,418	19.0%		No
Census Tract 4107	6,755	4,146	61.4%	Yes		6,755	876	13.0%		No
Census Tract 4108	4,665	2,545	54.6%	Yes		4,657	415	8.9%		No
Census Tract 4117	6,802	2,112	31.0%		No	6,802	1,071	15.7%		No
Census Tract 4118	6,051	1,109	18.3%		No	6,022	688	11.4%		No
Census Tract 4119.01	3,663	1,280	34.9%		No	3,663	650	17.7%		No
Census Tract 4119.02	3,702	1,253	33.8%		No	3,702	183	4.9%		No
Census Tract 4104	4,606	3,780	82.1%	Yes		4,564	626	13.7%		No
Census Tract 4109	6,775	4,642	68.5%	Yes		6,769	1,460	21.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 4113.01	3,717	654	17.6%		No	3,717	230	6.2%		No
Census Tract 4113.02	7,084	295	4.2%		No	7,048	732	10.4%		No
Census Tract 4043	3,299	1,815	55.0%	Yes		3,299	447	13.5%		No
Census Tract 4044	5,266	907	17.2%		No	5,266	248	4.7%		No
Census Tract 4045	3,928	954	24.3%		No	3,922	596	15.2%		No
Census Tract 4046	4,391	812	18.5%		No	4,391	201	4.6%		No
Census Tract 4047	6,250	2,555	40.9%		No	6,250	789	12.6%		No
Census Tract 4048	6,065	4,900	80.8%	Yes		5,984	839	14.0%		No
Census Tract 4049.02	5,312	4,923	92.7%	Yes		5,266	1,257	23.9%		No
Census Tract 4050	5,670	4,786	84.4%	Yes		5,670	1,242	21.9%		No
Census Tract 4051	8,730	7,692	88.1%	Yes		8,695	930	10.7%		No
Census Tract 4052	6,808	5,339	78.4%	Yes		6,808	1,895	27.8%	Yes	
Census Tract 4053.01	3,686	1,332	36.1%		No	3,686	491	13.3%		No
Census Tract 4053.02	4,608	1,545	33.5%		No	4,608	728	15.8%		No
Census Tract 4054	9,031	5,180	57.4%	Yes		9,003	1,715	19.0%		No
Census Tract 4055	5,313	1,598	30.1%		No	5,168	733	14.2%		No
Census Tract 4056	4,486	1,115	24.9%		No	4,486	458	10.2%		No
Census Tract 4057	4,931	1,561	31.7%		No	4,931	245	5.0%		No
Census Tract 4063	3,617	550	15.2%		No	3,617	269	7.4%		No
Census Tract 4049.01	5,238	4,933	94.2%	Yes		5,178	448	8.7%		No
Census Tract 4058	4,250	641	15.1%		No	4,250	484	11.4%		No
Census Tract 4059	5,460	1,920	35.2%		No	5,432	483	8.9%		No
Census Tract 4060.01	4,685	1,715	36.6%		No	4,685	730	15.6%		No
Census Tract 4060.02	3,524	1,346	38.2%		No	3,524	707	20.1%		No
Census Tract 4061	2,983	972	32.6%		No	2,978	474	15.9%		No
Census Tract 4062.01	3,212	2,232	69.5%	Yes		3,212	423	13.2%		No
Census Tract 4062.02	6,131	5,970	97.4%	Yes		6,078	1,066	17.5%		No
Census Tract 4064	6,639	551	8.3%		No	6,639	238	3.6%		No
Census Tract 4065.01	7,085	1,067	15.1%		No	7,085	477	6.7%		No
Census Tract 4066	4,149	558	13.4%		No	4,149	199	4.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 4067.01	2,859	2,456	85.9%	Yes		2,859	989	34.6%	Yes	
Census Tract 4067.02	4,424	3,618	81.8%	Yes		4,424	2,270	51.3%	Yes	
Census Tract 4068.01	4,855	4,642	95.6%	Yes		4,837	2,103	43.5%	Yes	
Census Tract 4068.02	4,823	4,770	98.9%	Yes		4,761	1,988	41.8%	Yes	
Census Tract 4069	7,205	6,878	95.5%	Yes		7,127	3,081	43.2%	Yes	
Census Tract 4070	7,913	7,735	97.8%	Yes		7,642	4,205	55.0%	Yes	
Census Tract 4071.01	5,073	4,732	93.3%	Yes		4,897	1,176	24.0%		No
Census Tract 4071.02	6,819	6,584	96.6%	Yes		6,819	726	10.6%		No
Census Tract 4072.01	5,527	5,489	99.3%	Yes		5,490	2,985	54.4%	Yes	
Census Tract 4072.03	3,241	3,128	96.5%	Yes		3,211	955	29.7%	Yes	
Census Tract 4072.04	2,561	2,299	89.8%	Yes		2,323	440	18.9%		No
Census Tract 4073.01	7,230	2,685	37.1%		No	3,619	619	17.1%		No
Census Tract 4073.02	4,795	4,352	90.8%	Yes		4,740	1,465	30.9%	Yes	
Census Tract 4074.01	5,955	5,272	88.5%	Yes		5,891	2,058	34.9%	Yes	
Census Tract 4075.01	5,006	4,801	95.9%	Yes		4,921	1,758	35.7%	Yes	
Census Tract 4102	3,574	1,048	29.3%		No	3,574	284	7.9%		No
Census Tract 4120	6,108	2,596	42.5%		No	6,092	327	5.4%		No
Census Tract 4121	6,358	1,390	21.9%		No	6,269	827	13.2%		No
Census Tract 4123.01	3,514	1,142	32.5%		No	3,514	604	17.2%		No
Census Tract 4123.02	3,617	876	24.2%		No	3,597	397	11.0%		No
Census Tract 4124	5,590	2,047	36.6%		No	5,388	1,351	25.1%		No
Census Tract 4125	4,003	216	5.4%		No	4,003	130	3.2%		No
Census Tract 4126	3,692	251	6.8%		No	3,667	77	2.1%		No
Census Tract 4127	4,076	525	12.9%		No	4,076	158	3.9%		No
Census Tract 4128	3,184	1,481	46.5%	Yes		3,161	269	8.5%		No
Census Tract 4129	6,113	5,228	85.5%	Yes		6,101	740	12.1%		No
Census Tract 4130.01	3,665	685	18.7%		No	3,573	754	21.1%		No
Census Tract 4131	5,246	1,352	25.8%		No	5,145	442	8.6%		No
Census Tract 4133	6,257	796	12.7%		No	6,187	1,091	17.6%		No
Census Tract 4135	7,566	5,023	66.4%	Yes		7,566	1,093	14.4%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 4136	5,901	3,116	52.8%	Yes		5,901	893	15.1%		No
Census Tract 4137	5,147	2,700	52.5%	Yes		5,107	987	19.3%		No
Census Tract 4139	7,480	7,392	98.8%	Yes		7,435	1,793	24.1%		No
Census Tract 4141	6,818	6,238	91.5%	Yes		6,791	1,087	16.0%		No
Census Tract 4142.01	5,180	4,119	79.5%	Yes		5,180	998	19.3%		No
Census Tract 4143.01	4,123	3,307	80.2%	Yes		3,871	1,210	31.3%	Yes	
Census Tract 4143.03	4,862	3,261	67.1%	Yes		4,765	1,102	23.1%		No
Census Tract 4145.01	5,445	2,805	51.5%	Yes		5,445	508	9.3%		No
Census Tract 9801	1,009	345	34.2%		No	-	-	0.0%		No
Census Tract 4145.02	4,094	1,810	44.2%	Yes		4,094	538	13.1%		No
Census Tract 4074.02	3,694	3,372	91.3%	Yes		3,156	774	24.5%		No
Census Tract 4075.02	5,327	5,057	94.9%	Yes		5,223	1,553	29.7%	Yes	
Census Tract 4077	5,023	1,722	34.3%		No	5,023	688	13.7%		No
Census Tract 4078.02	1,727	1,045	60.5%	Yes		487	134	27.5%	Yes	
Census Tract 4079	5,839	1,800	30.8%		No	5,582	892	16.0%		No
Census Tract 4080	6,347	2,066	32.6%		No	6,327	846	13.4%		No
Census Tract 4081	6,884	2,657	38.6%		No	6,677	936	14.0%		No
Census Tract 4082	6,471	2,546	39.3%		No	6,471	664	10.3%		No
Census Tract 4083	6,753	2,848	42.2%		No	6,753	581	8.6%		No
Census Tract 4084	3,900	1,075	27.6%		No	3,900	129	3.3%		No
Census Tract 4085	6,544	1,422	21.7%		No	6,544	642	9.8%		No
Census Tract 4086	4,651	1,583	34.0%		No	4,595	605	13.2%		No
Census Tract 4087	4,908	1,649	33.6%		No	4,908	886	18.1%		No
Census Tract 4088	6,835	1,503	22.0%		No	6,835	450	6.6%		No
Census Tract 4089	5,997	1,850	30.8%		No	5,907	899	15.2%		No
Census Tract 4091	4,977	1,381	27.7%		No	4,977	371	7.5%		No
Census Tract 4092	6,014	1,453	24.2%		No	6,013	1,157	19.2%		No
Census Tract 4093	4,258	962	22.6%		No	4,258	500	11.7%		No
Census Tract 4096	5,182	910	17.6%		No	5,182	572	11.0%		No
Census Tract 4097	4,084	592	14.5%		No	4,084	299	7.3%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 4140.01	4,219	4,105	97.3%	Yes		4,185	906	21.6%		No
Census Tract 4140.02	5,200	5,170	99.4%	Yes		5,186	1,220	23.5%		No
Census Tract 4142.02	4,110	3,789	92.2%	Yes		4,110	1,184	28.8%	Yes	
Census Tract 4143.04	3,444	2,635	76.5%	Yes		3,435	1,528	44.5%	Yes	
Census Tract 4144	5,002	4,511	90.2%	Yes		5,002	1,887	37.7%	Yes	
Census Tract 4146	3,622	710	19.6%		No	3,622	183	5.1%		No
Census Tract 4147	4,648	637	13.7%		No	4,648	346	7.4%		No
Census Tract 4148	6,885	1,252	18.2%		No	6,885	782	11.4%		No
Census Tract 4149	7,289	1,759	24.1%		No	7,196	601	8.4%		No
Census Tract 4150	5,622	779	13.9%		No	5,622	656	11.7%		No
Census Tract 4151.01	2,533	506	20.0%		No	2,527	204	8.1%		No
Census Tract 4151.02	4,751	549	11.6%		No	4,751	254	5.3%		No
Census Tract 4152.01	3,195	532	16.7%		No	3,173	179	5.6%		No
Census Tract 4152.02	4,029	404	10.0%		No	4,022	120	3.0%		No
Census Tract 4153	6,016	1,122	18.7%		No	6,016	386	6.4%		No
Census Tract 4154.01	5,158	572	11.1%		No	5,158	554	10.7%		No
Census Tract 4154.02	4,194	336	8.0%		No	4,177	273	6.5%		No
Census Tract 4156	5,413	526	9.7%		No	5,413	375	6.9%		No
Census Tract 4157	5,952	668	11.2%		No	5,952	526	8.8%		No
Census Tract 4090	5,842	1,820	31.2%		No	5,799	443	7.6%		No
Census Tract 4094	4,222	646	15.3%		No	4,198	369	8.8%		No
Census Tract 4095	3,930	703	17.9%		No	3,930	216	5.5%		No
Census Tract 4155	2,454	321	13.1%		No	2,450	95	3.9%		No
Census Tract 4158.02	6,550	509	7.8%		No	6,530	293	4.5%		No
Census Tract 4160	4,184	371	8.9%		No	4,184	184	4.4%		No
Census Tract 4161	6,124	693	11.3%		No	6,115	251	4.1%		No
Census Tract 5227	4,732	293	6.2%		No	4,716	449	9.5%		No
Census Tract 4076	5,563	2,243	40.3%		No	5,547	381	6.9%		No
Census Tract 4078.01	5,555	1,986	35.8%		No	5,542	572	10.3%		No
Census Tract 4162.01	3,630	754	20.8%		No	3,615	621	17.2%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 4169	4,056	240	5.9%		No	4,032	255	6.3%		No
<b>TOTAL Hempstead</b>	<b>767,417</b>	<b>352,788</b>	<b>46.0%</b>	<b>59</b>	<b>91</b>	<b>756,474</b>	<b>117,030</b>	<b>15.5%</b>	<b>20</b>	<b>130</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Long Beach										
Census Tract 4164.01	4,148	377	9.1%		No	4,148	406	9.8%		No
Census Tract 4164.02	2,930	418	14.3%		No	2,488	164	6.6%		No
Census Tract 4166	5,567	935	16.8%		No	5,404	1,025	19.0%		No
Census Tract 4165	6,139	3,788	61.7%	Yes		5,918	1,872	31.6%	Yes	
Census Tract 4167.01	4,550	1,324	29.1%		No	4,331	800	18.5%		No
Census Tract 4167.02	4,363	1,083	24.8%		No	4,363	861	19.7%		No
Census Tract 4168.01	2,087	315	15.1%		No	2,087	383	18.4%		No
Census Tract 4168.02	3,723	745	20.0%		No	3,723	674	18.1%		No
TOTAL Long Beach	33,507	8,985	26.8%	1	7	32,462	6,185	19.1%	1	7
North Hempstead										
Census Tract 3026	2,418	912	37.7%		No	2,418	185	7.7%		No
Census Tract 3030	5,790	3,656	63.1%	Yes		5,790	567	9.8%		No
Census Tract 3006	6,492	2,310	35.6%		No	6,492	967	14.9%		No
Census Tract 3009	8,915	4,018	45.1%	Yes		8,409	558	6.6%		No
Census Tract 3010	5,606	884	15.8%		No	5,526	500	9.0%		No
Census Tract 3011.01	6,628	3,175	47.9%	Yes		6,628	2,376	35.8%	Yes	
Census Tract 3012	5,941	862	14.5%		No	5,941	547	9.2%		No
Census Tract 3013	4,711	2,285	48.5%	Yes		4,555	938	20.6%		No
Census Tract 3015	2,935	479	16.3%		No	2,935	114	3.9%		No
Census Tract 3016	4,832	1,323	27.4%		No	4,832	350	7.2%		No
Census Tract 3017	2,722	548	20.1%		No	2,718	228	8.4%		No
Census Tract 3018	5,015	2,416	48.2%	Yes		4,567	778	17.0%		No
Census Tract 3019	2,970	660	22.2%		No	2,970	101	3.4%		No
Census Tract 3027	4,464	2,717	60.9%	Yes		4,464	609	13.6%		No
Census Tract 3028	6,513	3,644	55.9%	Yes		6,513	475	7.3%		No
Census Tract 3029	4,103	1,245	30.3%		No	4,103	162	3.9%		No
Census Tract 3031.01	3,615	2,247	62.2%	Yes		3,615	232	6.4%		No
Census Tract 3001	5,223	577	11.0%		No	4,585	616	13.4%		No
Census Tract 3003	4,095	1,038	25.3%		No	4,095	1,215	29.7%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 3004	6,110	1,285	21.0%		No	6,110	1,111	18.2%		No
Census Tract 3005	5,365	1,055	19.7%		No	5,352	908	17.0%		No
Census Tract 3007	6,098	1,982	32.5%		No	5,909	693	11.7%		No
Census Tract 3008	4,182	2,202	52.7%	Yes		4,182	286	6.8%		No
Census Tract 3014	2,063	491	23.8%		No	2,063	138	6.7%		No
Census Tract 3020	4,907	942	19.2%		No	4,662	502	10.8%		No
Census Tract 3021.01	4,509	1,030	22.8%		No	4,509	457	10.1%		No
Census Tract 3021.02	3,702	614	16.6%		No	3,702	155	4.2%		No
Census Tract 3022	3,818	1,922	50.3%	Yes		3,813	797	20.9%		No
Census Tract 3023	4,593	2,402	52.3%	Yes		4,593	372	8.1%		No
Census Tract 3024	5,225	1,867	35.7%		No	5,225	486	9.3%		No
Census Tract 3025.01	2,745	933	34.0%		No	2,736	181	6.6%		No
Census Tract 3025.02	2,724	1,008	37.0%		No	2,724	319	11.7%		No
Census Tract 3031.02	4,122	2,419	58.7%	Yes		4,122	379	9.2%		No
Census Tract 3032.01	3,862	2,541	65.8%	Yes		3,862	330	8.5%		No
Census Tract 3032.02	4,473	2,858	63.9%	Yes		4,473	811	18.1%		No
Census Tract 3033.01	3,046	860	28.2%		No	3,046	392	12.9%		No
Census Tract 3033.02	4,231	1,152	27.2%		No	4,231	264	6.2%		No
Census Tract 3034	2,572	540	21.0%		No	2,572	208	8.1%		No
Census Tract 3035	4,970	1,330	26.8%		No	4,953	355	7.2%		No
Census Tract 3036	7,297	3,253	44.6%	Yes		7,255	713	9.8%		No
Census Tract 3037	6,919	2,323	33.6%		No	6,919	870	12.6%		No
Census Tract 3038	5,131	1,693	33.0%		No	5,131	1,443	28.1%	Yes	
Census Tract 3039	3,994	2,613	65.4%	Yes		3,994	504	12.6%		No
Census Tract 3040.01	2,406	454	18.9%		No	2,389	200	8.4%		No
Census Tract 3040.02	4,528	2,303	50.9%	Yes		4,504	786	17.5%		No
Census Tract 3011.02	4,580	1,019	22.2%		No	4,556	719	15.8%		No
Census Tract 3041	4,504	3,938	87.4%	Yes		4,504	1,674	37.2%	Yes	
Census Tract 3042.02	3,725	3,126	83.9%	Yes		3,705	773	20.9%		No
Census Tract 3042.03	6,326	6,130	96.9%	Yes		6,122	2,547	41.6%	Yes	



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 3042.04	4,816	4,593	95.4%	Yes		4,753	2,260	47.5%	Yes	
<b>TOTAL North Hempstead</b>	<b>230,531</b>	<b>95,874</b>	<b>41.6%</b>	<b>21</b>	<b>29</b>	<b>227,827</b>	<b>33,151</b>	<b>14.6%</b>	<b>6</b>	<b>44</b>
<b>Oyster Bay</b>										
Census Tract 5175	3,936	676	17.2%		No	3,936	376	9.6%		No
Census Tract 5176	5,053	973	19.3%		No	5,043	562	11.1%		No
Census Tract 9811	1,053	476	45.2%	Yes		9	-	0.0%		No
Census Tract 5174	5,038	698	13.9%		No	4,977	717	14.4%		No
Census Tract 5178.02	3,481	664	19.1%		No	3,433	477	13.9%		No
Census Tract 5202	3,290	929	28.2%		No	3,290	60	1.8%		No
Census Tract 5203	5,685	1,130	19.9%		No	5,685	459	8.1%		No
Census Tract 5204.01	4,448	1,162	26.1%		No	4,415	657	14.9%		No
Census Tract 5204.02	4,454	1,024	23.0%		No	4,298	795	18.5%		No
Census Tract 5205.01	3,775	890	23.6%		No	3,775	246	6.5%		No
Census Tract 5205.02	5,489	584	10.6%		No	5,489	542	9.9%		No
Census Tract 5206	5,965	1,694	28.4%		No	5,954	811	13.6%		No
Census Tract 5207	4,876	371	7.6%		No	4,876	426	8.7%		No
Census Tract 5208	4,092	324	7.9%		No	4,092	277	6.8%		No
Census Tract 5209	4,796	343	7.2%		No	4,781	526	11.0%		No
Census Tract 5210	4,741	421	8.9%		No	4,700	418	8.9%		No
Census Tract 5211	4,622	321	6.9%		No	4,604	312	6.8%		No
Census Tract 5212	2,935	189	6.4%		No	2,935	316	10.8%		No
Census Tract 5213.01	2,221	177	8.0%		No	2,221	244	11.0%		No
Census Tract 5213.02	5,493	680	12.4%		No	5,493	506	9.2%		No
Census Tract 5214	6,513	253	3.9%		No	6,457	273	4.2%		No
Census Tract 5215	5,063	907	17.9%		No	5,051	574	11.4%		No
Census Tract 5216.01	4,324	262	6.1%		No	4,324	565	13.1%		No
Census Tract 5216.02	3,291	254	7.7%		No	3,291	257	7.8%		No
Census Tract 5217	4,515	502	11.1%		No	4,515	370	8.2%		No
Census Tract 5218.01	3,633	610	16.8%		No	3,633	567	15.6%		No
Census Tract 5218.02	4,141	502	12.1%		No	3,984	216	5.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 5220	5,812	3,165	54.5%	Yes		5,812	696	12.0%		No
Census Tract 5177.01	7,708	2,284	29.6%		No	7,696	683	8.9%		No
Census Tract 5177.05	3,076	759	24.7%		No	3,076	269	8.7%		No
Census Tract 5183	5,987	2,602	43.5%		No	5,987	493	8.2%		No
Census Tract 5185.01	6,954	2,477	35.6%		No	6,954	902	13.0%		No
Census Tract 5185.02	2,830	1,549	54.7%	Yes		2,830	413	14.6%		No
Census Tract 5186	4,241	1,496	35.3%		No	4,231	308	7.3%		No
Census Tract 5187	5,699	2,027	35.6%		No	5,699	404	7.1%		No
Census Tract 5189	6,850	4,134	60.4%	Yes		6,850	842	12.3%		No
Census Tract 5190	6,876	3,259	47.4%	Yes		6,876	812	11.8%		No
Census Tract 5191	5,781	2,628	45.5%	Yes		5,743	1,556	27.1%	Yes	
Census Tract 5192	6,395	2,979	46.6%	Yes		6,395	764	11.9%		No
Census Tract 5193	6,035	3,156	52.3%	Yes		6,017	911	15.1%		No
Census Tract 5194	4,359	1,547	35.5%		No	4,359	196	4.5%		No
Census Tract 5195	6,413	2,523	39.3%		No	6,403	495	7.7%		No
Census Tract 9821	1,290	702	54.4%	Yes		23	-	0.0%		No
Census Tract 5182.03	4,572	1,069	23.4%		No	3,622	230	6.4%		No
Census Tract 5182.04	4,280	792	18.5%		No	4,280	462	10.8%		No
Census Tract 5184	4,347	1,439	33.1%		No	4,246	349	8.2%		No
Census Tract 5188	3,420	1,214	35.5%		No	3,420	213	6.2%		No
Census Tract 5196.01	4,297	1,010	23.5%		No	4,297	309	7.2%		No
Census Tract 5196.02	1,962	450	22.9%		No	1,962	59	3.0%		No
Census Tract 5197.02	5,518	891	16.1%		No	5,513	538	9.8%		No
Census Tract 5197.03	3,674	1,010	27.5%		No	3,674	120	3.3%		No
Census Tract 5197.04	3,092	882	28.5%		No	3,087	471	15.3%		No
Census Tract 5198.01	2,524	635	25.2%		No	2,524	325	12.9%		No
Census Tract 5198.02	5,386	1,105	20.5%		No	5,297	410	7.7%		No
Census Tract 5199	5,490	869	15.8%		No	5,490	355	6.5%		No
Census Tract 5200.01	7,471	1,603	21.5%		No	7,471	792	10.6%		No
Census Tract 5200.02	4,666	1,229	26.3%		No	4,666	672	14.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 5201	5,283	776	14.7%		No	5,283	551	10.4%		No
Census Tract 5178.01	3,837	448	11.7%		No	3,821	186	4.9%		No
Census Tract 5179.01	4,795	320	6.7%		No	4,795	527	11.0%		No
Census Tract 5180	5,836	1,280	21.9%		No	5,836	1,061	18.2%		No
Census Tract 5181	2,959	455	15.4%		No	2,917	239	8.2%		No
Census Tract 5182.01	4,382	676	15.4%		No	4,379	313	7.1%		No
Census Tract 5219.02	4,036	129	3.2%		No	4,036	140	3.5%		No
Census Tract 5179.02	2,766	268	9.7%		No	2,766	351	12.7%		No
<b>TOTAL Oyster Bay</b>	<b>297,822</b>	<b>72,853</b>	<b>24.5%</b>	<b>9</b>	<b>56</b>	<b>293,594</b>	<b>29,966</b>	<b>10.2%</b>	<b>1</b>	<b>64</b>
<b>TOTAL Nassau County</b>	<b>1,356,509</b>	<b>542,826</b>	<b>40.0%</b>	<b>91</b>	<b>188</b>	<b>1,336,958</b>	<b>193,525</b>	<b>14.5%</b>	<b>30</b>	<b>249</b>

Table 17C-8

## Environmental Justice Populations: Bergen County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Bergen County, New Jersey										
Allendale Borough										
Census Tract 10	6,765	1,156	17.1%		No	6,667	329	4.9%		No
TOTAL Allendale Borough	6,765	1,156	17.1%	-	1	6,667	329	4.9%	-	1
Alpine Borough										
Census Tract 21	1,547	733	47.4%	Yes		1,547	186	12.0%		No
TOTAL Alpine Borough	1,547	733	47.4%	1	-	1,547	186	12.0%	-	1
Bergenfield Borough										
Census Tract 33	6,601	4,551	68.9%	Yes		6,601	697	10.6%		No
Census Tract 34.01	2,802	1,123	40.1%		No	2,802	316	11.3%		No
Census Tract 34.02	3,559	1,454	40.9%		No	3,559	255	7.2%		No
Census Tract 31	5,545	3,583	64.6%	Yes		5,545	671	12.1%		No
Census Tract 32	4,978	3,656	73.4%	Yes		4,978	1,014	20.4%		No
Census Tract 35	3,888	3,194	82.2%	Yes		3,888	1,183	30.4%	Yes	
TOTAL Bergenfield Borough	27,373	17,561	64.2%	4	2	27,373	4,136	15.1%	1	5
Bogota Borough										
Census Tract 40.01	3,212	2,126	66.2%	Yes		3,203	535	16.7%		No
Census Tract 40.02	5,148	3,196	62.1%	Yes		5,148	975	18.9%		No
TOTAL Bogota Borough	8,360	5,322	63.7%	2	-	8,351	1,510	18.1%	-	2
Carlstadt Borough										
Census Tract 50	6,178	2,269	36.7%		No	6,178	1,047	16.9%		No
TOTAL Carlstadt Borough	6,178	2,269	36.7%	-	1	6,178	1,047	16.9%	-	1
Cliffside Park Borough										
Census Tract 61	6,982	3,496	50.1%	Yes		6,948	1,806	26.0%		No
Census Tract 62.01	4,335	2,119	48.9%	Yes		4,335	1,145	26.4%		No
Census Tract 62.02	5,060	2,332	46.1%	Yes		5,060	898	17.7%		No
Census Tract 63	8,749	5,736	65.6%	Yes		8,749	2,620	29.9%	Yes	
TOTAL Cliffside Park Borough	25,126	13,683	54.5%	4	-	25,092	6,469	25.8%	1	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Closter Borough										
Census Tract 70.02	4,619	2,140	46.3%	Yes		4,619	226	4.9%		No
Census Tract 70.01	3,946	2,091	53.0%	Yes		3,892	544	14.0%		No
TOTAL Closter Borough	8,565	4,231	49.4%	2	-	8,511	770	9.0%	-	2
Cresskill Borough										
Census Tract 80	8,699	3,318	38.1%		No	8,629	1,031	11.9%		No
TOTAL Cresskill Borough	8,699	3,318	38.1%	-	1	8,629	1,031	11.9%	-	1
Demarest Borough										
Census Tract 91	4,942	2,014	40.8%		No	4,942	365	7.4%		No
TOTAL Demarest Borough	4,942	2,014	40.8%	-	1	4,942	365	7.4%	-	1
Dumont Borough										
Census Tract 101	5,815	1,931	33.2%		No	5,815	520	8.9%		No
Census Tract 102	4,466	2,240	50.2%	Yes		4,457	538	12.1%		No
Census Tract 103	7,343	2,936	40.0%		No	7,343	961	13.1%		No
TOTAL Dumont Borough	17,624	7,107	40.3%	1	2	17,615	2,019	11.5%	-	3
East Rutherford Borough										
Census Tract 120.01	6,333	3,361	53.1%	Yes		6,333	1,832	28.9%	Yes	
Census Tract 120.02	3,251	1,303	40.1%		No	3,233	486	15.0%		No
TOTAL East Rutherford Borough	9,584	4,664	48.7%	1	1	9,566	2,318	24.2%	1	1
Edgewater Borough										
Census Tract 130.01	6,924	4,561	65.9%	Yes		6,924	822	11.9%		No
Census Tract 130.02	5,479	2,780	50.7%	Yes		5,474	734	13.4%		No
TOTAL Edgewater Borough	12,403	7,341	59.2%	2	-	12,398	1,556	12.6%	-	2
Elmwood Park Borough										
Census Tract 111	4,410	2,725	61.8%	Yes		4,386	968	22.1%		No
Census Tract 112	4,830	2,656	55.0%	Yes		4,830	1,263	26.1%		No
Census Tract 113	4,325	1,704	39.4%		No	4,316	823	19.1%		No
Census Tract 114	6,494	2,088	32.2%		No	6,494	1,002	15.4%		No
TOTAL Elmwood Park Borough	20,059	9,173	45.7%	2	2	20,026	4,056	20.3%	-	4



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Emerson Borough										
Census Tract 140	7,596	2,014	26.5%		No	7,384	502	6.8%		No
TOTAL Emerson Borough	7,596	2,014	26.5%	-	1	7,384	502	6.8%	-	1
Englewood										
Census Tract 151	2,566	636	24.8%		No	2,559	200	7.8%		No
Census Tract 152	6,753	5,578	82.6%	Yes		6,645	1,555	23.4%		No
Census Tract 153	5,659	5,386	95.2%	Yes		5,640	1,670	29.6%	Yes	
Census Tract 154	7,180	4,852	67.6%	Yes		7,180	1,900	26.5%		No
Census Tract 155	6,195	2,681	43.3%		No	6,133	710	11.6%		No
TOTAL Englewood	28,353	19,133	67.5%	3	2	28,157	6,035	21.4%	1	4
Englewood Cliffs Borough										
Census Tract 160	5,371	3,017	56.2%	Yes		5,371	570	10.6%		No
TOTAL Englewood Cliffs Borough	5,371	3,017	56.2%	1	-	5,371	570	10.6%	-	1
Fair Lawn Borough										
Census Tract 171	6,993	1,089	15.6%		No	6,993	622	8.9%		No
Census Tract 172	6,102	2,262	37.1%		No	6,102	843	13.8%		No
Census Tract 173	6,129	1,533	25.0%		No	6,129	603	9.8%		No
Census Tract 174	5,398	1,467	27.2%		No	5,249	378	7.2%		No
Census Tract 175	8,395	3,374	40.2%		No	8,395	1,168	13.9%		No
TOTAL Fair Lawn Borough	33,017	9,725	29.5%	-	5	32,868	3,614	11.0%	-	5
Fairview Borough										
Census Tract 182	6,565	4,483	68.3%	Yes		6,565	2,503	38.1%	Yes	
Census Tract 181	7,693	5,735	74.5%	Yes		7,692	1,700	22.1%		No
TOTAL Fairview Borough	14,258	10,218	71.7%	2	-	14,257	4,203	29.5%	1	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Fort Lee Borough										
Census Tract 193.04	2,652	1,552	58.5%	Yes		2,652	511	19.3%		No
Census Tract 193.05	6,534	2,986	45.7%	Yes		6,534	732	11.2%		No
Census Tract 193.06	2,033	931	45.8%	Yes		2,033	192	9.4%		No
Census Tract 191.02	3,150	2,036	64.6%	Yes		3,150	656	20.8%		No
Census Tract 191.03	4,519	3,162	70.0%	Yes		4,519	872	19.3%		No
Census Tract 191.04	4,053	2,443	60.3%	Yes		4,053	992	24.5%		No
Census Tract 192.02	2,245	1,562	69.6%	Yes		2,245	527	23.5%		No
Census Tract 192.03	3,159	1,692	53.6%	Yes		3,159	787	24.9%		No
Census Tract 192.04	3,527	2,217	62.9%	Yes		3,527	1,206	34.2%	Yes	
Census Tract 193.03	5,558	3,599	64.8%	Yes		5,558	1,028	18.5%		No
TOTAL Fort Lee Borough	37,430	22,180	59.3%	10	-	37,430	7,503	20.0%	1	9
Franklin Lakes Borough										
Census Tract 201	4,189	903	21.6%		No	4,189	111	2.6%		No
Census Tract 202	6,757	1,150	17.0%		No	6,757	325	4.8%		No
TOTAL Franklin Lakes Borough	10,946	2,053	18.8%	-	2	10,946	436	4.0%	-	2
Garfield										
Census Tract 211	6,589	1,918	29.1%		No	6,544	2,105	32.2%	Yes	
Census Tract 212	5,743	2,326	40.5%		No	5,743	1,606	28.0%	Yes	
Census Tract 213	4,600	1,748	38.0%		No	4,600	1,424	31.0%	Yes	
Census Tract 214	4,932	2,293	46.5%	Yes		4,879	1,598	32.8%	Yes	
Census Tract 215	5,300	3,458	65.2%	Yes		5,295	2,239	42.3%	Yes	
Census Tract 216	4,481	3,052	68.1%	Yes		4,481	1,737	38.8%	Yes	
TOTAL Garfield	31,645	14,795	46.8%	3	3	31,542	10,709	34.0%	6	-
Glen Rock Borough										
Census Tract 221	3,877	785	20.2%		No	3,877	312	8.0%		No
Census Tract 222	7,903	2,126	26.9%		No	7,903	322	4.1%		No
TOTAL Glen Rock Borough	11,780	2,911	24.7%	-	2	11,780	634	5.4%	-	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hackensack										
Census Tract 231	3,453	2,699	78.2%	Yes		3,453	1,476	42.7%	Yes	
Census Tract 232	6,489	4,792	73.8%	Yes		6,489	1,304	20.1%		No
Census Tract 233.01	2,750	1,514	55.1%	Yes		2,750	464	16.9%		No
Census Tract 233.02	5,267	2,969	56.4%	Yes		5,267	883	16.8%		No
Census Tract 234.01	3,796	2,921	76.9%	Yes		3,796	1,101	29.0%	Yes	
Census Tract 234.02	5,899	4,598	77.9%	Yes		5,760	1,526	26.5%		No
Census Tract 235.01	3,710	3,278	88.4%	Yes		3,496	1,094	31.3%	Yes	
Census Tract 235.02	5,222	4,292	82.2%	Yes		5,222	1,834	35.1%	Yes	
Census Tract 236.01	2,868	2,042	71.2%	Yes		2,868	774	27.0%	Yes	
Census Tract 236.02	4,885	4,206	86.1%	Yes		4,270	1,930	45.2%	Yes	
TOTAL Hackensack	44,339	33,311	75.1%	10	-	43,371	12,386	28.6%	6	4
Harrington Park Borough										
Census Tract 242	4,753	1,367	28.8%		No	4,753	579	12.2%		No
TOTAL Harrington Park Borough	4,753	1,367	28.8%	-	1	4,753	579	12.2%	-	1
Hasbrouck Heights Borough										
Census Tract 251	6,590	3,277	49.7%	Yes		6,551	1,704	26.0%		No
Census Tract 252	5,492	1,410	25.7%		No	5,492	531	9.7%		No
TOTAL Hasbrouck Heights Borough	12,082	4,687	38.8%	1	1	12,043	2,235	18.6%	-	2
Haworth Borough										
Census Tract 92	3,418	769	22.5%		No	3,418	264	7.7%		No
TOTAL Haworth Borough	3,418	769	22.5%	-	1	3,418	264	7.7%	-	1
Hillsdale Borough										
Census Tract 261	4,647	886	19.1%			4,634	465	10.0%		No
Census Tract 262	5,699	1,265	22.2%		No	5,654	598	10.6%		No
TOTAL Hillsdale Borough	10,346	2,151	20.8%	-	1	10,288	1,063	10.3%	-	2
Ho-Ho-Kus Borough										
Census Tract 270	4,094	783	19.1%		No	4,094	72	1.8%		No
TOTAL Ho-Ho-Kus Borough	4,094	783	19.1%	-	1	4,094	72	1.8%	-	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Leonia Borough										
Census Tract 280.01	5,249	3,357	64.0%	Yes		5,239	913	17.4%		No
Census Tract 280.02	3,837	2,272	59.2%	Yes		3,813	553	14.5%		No
TOTAL Leonia Borough	9,086	5,629	62.0%	2	-	9,052	1,466	16.2%	-	2
Little Ferry Borough										
Census Tract 292	6,367	3,142	49.3%	Yes		6,367	1,877	29.5%	Yes	
Census Tract 291	4,415	2,883	65.3%	Yes		4,415	1,323	30.0%	Yes	
TOTAL Little Ferry Borough	10,782	6,025	55.9%	2	-	10,782	3,200	29.7%	2	-
Lodi Borough										
Census Tract 302	7,424	3,988	53.7%	Yes		7,395	2,375	32.1%	Yes	
Census Tract 303	4,443	2,520	56.7%	Yes		4,365	1,578	36.2%	Yes	
Census Tract 301	5,686	3,148	55.4%	Yes		5,686	1,239	21.8%		No
Census Tract 304	6,877	3,943	57.3%	Yes		6,654	1,361	20.5%		No
TOTAL Lodi Borough	24,430	13,599	55.7%	4	-	24,100	6,553	27.2%	2	2
Lyndhurst Township										
Census Tract 311	6,413	3,240	50.5%	Yes		6,413	1,331	20.8%		No
Census Tract 312	4,862	1,312	27.0%		No	4,845	1,266	26.1%		No
Census Tract 313	5,582	1,835	32.9%		No	5,582	1,100	19.7%		No
Census Tract 314	5,441	1,056	19.4%		No	5,441	736	13.5%		No
TOTAL Lyndhurst Township	22,298	7,443	33.4%	1	3	22,281	4,433	19.9%	-	4
Mahwah Township										
Census Tract 321.02	6,026	1,316	21.8%		No	5,995	529	8.8%		No
Census Tract 322.01	5,750	1,330	23.1%		No	5,700	196	3.4%		No
Census Tract 322.02	5,098	1,344	26.4%		No	5,096	985	19.3%		No
Census Tract 321.03	5,154	1,435	27.8%		No	5,154	908	17.6%		No
Census Tract 321.04	4,247	1,851	43.6%	Yes		2,084	511	24.5%		No
TOTAL Mahwah Township	26,275	7,276	27.7%	1	4	24,029	3,129	13.0%	-	5

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Maywood Borough										
Census Tract 331	3,879	1,725	44.5%	Yes		3,859	330	8.6%		No
Census Tract 332	2,217	726	32.7%		No	2,217	367	16.6%		No
Census Tract 333	3,565	1,894	53.1%	Yes		3,565	871	24.4%		No
TOTAL Maywood Borough	9,661	4,345	45.0%	2	1	9,641	1,568	16.3%	-	3
Midland Park Borough										
Census Tract 340	7,244	1,249	17.2%		No	7,228	689	9.5%		
TOTAL Midland Park Borough	7,244	1,249	17.2%	-	1	7,228	689	9.5%	-	-
Montvale Borough										
Census Tract 351	8,489	2,268	26.7%		No	8,489	655	7.7%		
TOTAL Montvale Borough	8,489	2,268	26.7%	-	1	8,489	655	7.7%	-	-
Moonachie Borough										
Census Tract 362	2,716	1,416	52.1%	Yes		2,716	793	29.2%	Yes	Yes
TOTAL Moonachie Borough	2,716	1,416	52.1%	1	-	2,716	793	29.2%	1	-
New Milford Borough										
Census Tract 371	5,453	2,249	41.2%		No	5,443	887	16.3%		No
Census Tract 372.01	3,879	1,294	33.4%		No	3,879	437	11.3%		No
Census Tract 372.02	7,213	3,359	46.6%	Yes		7,015	1,096	15.6%		No
TOTAL New Milford Borough	16,545	6,902	41.7%	1	2	16,337	2,420	14.8%	-	3
North Arlington Borough										
Census Tract 381	5,554	2,232	40.2%		No	5,554	1,478	26.6%		No
Census Tract 382	4,248	2,227	52.4%	Yes		4,248	1,133	26.7%		No
Census Tract 383	5,875	1,888	32.1%		No	5,875	533	9.1%		No
TOTAL North Arlington Borough	15,677	6,347	40.5%	1	2	15,677	3,144	20.1%	-	3
Northvale Borough										
Census Tract 22	5,487	2,219	40.4%		No	5,135	676	13.2%		No
TOTAL Northvale Borough	5,487	2,219	40.4%	-	1	5,135	676	13.2%	-	1
Norwood Borough										
Census Tract 23	5,812	2,157	37.1%		No	5,632	675	12.0%		No
TOTAL Norwood Borough	5,812	2,157	37.1%	-	1	5,632	675	12.0%	-	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Oakland Borough										
Census Tract 391	4,134	620	15.0%		No	4,123	433	10.5%		No
Census Tract 392	5,973	908	15.2%		No	5,973	465	7.8%		No
Census Tract 393	2,865	304	10.6%		No	2,651	209	7.9%		No
TOTAL Oakland Borough	12,972	1,832	14.1%	-	3	12,747	1,107	8.7%	-	3
Old Tappan Borough										
Census Tract 241	5,914	1,848	31.2%		No	5,888	411	7.0%		No
TOTAL Old Tappan Borough	5,914	1,848	31.2%	-	1	5,888	411	7.0%	-	1
Oradell Borough										
Census Tract 400.01	3,543	932	26.3%		No	3,391	206	6.1%		No
Census Tract 400.02	4,598	1,443	31.4%		No	4,598	447	9.7%		No
TOTAL Oradell Borough	8,141	2,375	29.2%	-	2	7,989	653	8.2%	-	2
Palisades Park Borough										
Census Tract 413.01	5,805	4,826	83.1%	Yes		5,765	1,974	34.2%	Yes	
Census Tract 411	5,915	4,973	84.1%	Yes		5,915	2,161	36.5%	Yes	
Census Tract 412	4,798	3,829	79.8%	Yes		4,798	1,107	23.1%		No
Census Tract 413.02	4,086	3,252	79.6%	Yes		4,086	986	24.1%		No
TOTAL Palisades Park Borough	20,604	16,880	81.9%	4	-	20,564	6,228	30.3%	2	2
Paramus Borough										
Census Tract 421	7,413	3,372	45.5%	Yes		7,337	540	7.4%		No
Census Tract 424	4,455	1,853	41.6%		No	4,455	450	10.1%		No
Census Tract 425	4,505	2,540	56.4%	Yes		4,481	525	11.7%		No
Census Tract 423.01	4,471	1,582	35.4%		No	4,349	394	9.1%		No
Census Tract 423.02	5,659	2,158	38.1%		No	4,287	170	4.0%		No
TOTAL Paramus Borough	26,503	11,505	43.4%	-	3	24,909	2,079	8.3%	-	5
Park Ridge Borough										
Census Tract 430.01	4,160	955	23.0%		No	4,151	409	9.9%		No
Census Tract 430.02	4,606	932	20.2%		No	4,351	381	8.8%		No
TOTAL Park Ridge Borough	8,766	1,887	21.5%	-	2	8,502	790	9.3%	-	2



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Ramsey Borough										
Census Tract 442.01	3,790	451	11.9%		No	3,790	153	4.0%		No
Census Tract 441	6,015	541	9.0%		No	6,015	314	5.2%		No
Census Tract 442.02	5,135	1,152	22.4%		No	5,135	691	13.5%		No
TOTAL Ramsey Borough	14,940	2,144	14.4%	-	3	14,940	1,158	7.8%	-	3
Ridgefield Borough										
Census Tract 452	2,790	1,927	69.1%	Yes		2,774	841	30.3%	Yes	
Census Tract 451	8,437	4,913	58.2%	Yes		8,437	2,228	26.4%		No
Census Tract 461	4,386	2,661	60.7%	Yes		4,386	752	17.1%		No
Census Tract 462	3,990	2,265	56.8%	Yes		3,990	659	16.5%		No
Census Tract 463	4,546	3,048	67.0%	Yes		4,546	948	20.9%		No
TOTAL Ridgefield Park Village	24,149	14,814	61.3%	-	-	24,133	5,428	22.5%	-	4
Ridgewood Village										
Census Tract 471	6,028	2,184	36.2%		No	5,941	517	8.7%		No
Census Tract 472	4,530	921	20.3%		No	4,530	293	6.5%		No
Census Tract 473	3,092	604	19.5%		No	3,092	100	3.2%		No
Census Tract 474	4,553	1,247	27.4%		No	4,536	423	9.3%		No
Census Tract 475	6,976	2,006	28.8%		No	6,886	488	7.1%		No
TOTAL Ridgewood Village	25,179	6,962	27.7%	-	5	24,985	1,821	7.3%	-	5
River Edge Borough										
Census Tract 481	3,832	1,927	50.3%	Yes		3,832	643	16.8%		No
Census Tract 482	7,668	2,446	31.9%		No	7,668	204	2.7%		No
TOTAL River Edge Borough	11,500	4,373	38.0%	1	1	11,500	847	7.4%	-	2
River Vale Township										
Census Tract 490.01	4,498	544	12.1%		No	4,498	148	3.3%		No
Census Tract 490.02	5,497	1,151	20.9%		No	5,441	361	6.6%		No
TOTAL River Vale Township	9,995	1,695	17.0%	-	2	9,939	509	5.1%	-	2
Rochelle Park Township										
Census Tract 500	5,597	2,421	43.3%		No	5,413	854	15.8%		No
TOTAL Rochelle Park Township	5,597	2,421	43.3%	-	1	5,413	854	15.8%	-	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Rutherford Borough										
Census Tract 511	6,245	2,413	38.6%		No	6,013	826	13.7%		No
Census Tract 512	2,547	762	29.9%		No	2,537	235	9.3%		No
Census Tract 513	4,575	2,409	52.7%	Yes		4,575	822	18.0%		No
Census Tract 514	5,031	2,208	43.9%	Yes		5,031	515	10.2%		No
TOTAL Rutherford Borough	18,398	7,792	42.4%	2	2	18,156	2,398	13.2%	-	4
Saddle Brook Township										
Census Tract 521	7,554	1,845	24.4%		No	7,554	1,181	15.6%		No
Census Tract 522	6,291	2,416	38.4%		No	6,291	780	12.4%		No
TOTAL Saddle Brook Township	13,845	4,261	30.8%	-	2	13,845	1,961	14.2%	-	2
Saddle River Borough										
Census Tract 531	3,192	1,176	36.8%		No	3,183	163	5.1%		No
TOTAL Saddle River Borough	3,192	1,176	36.8%	-	1	3,183	163	5.1%	-	1
Teaneck Township										
Census Tract 542	4,789	3,555	74.2%	Yes		4,689	1,533	32.7%	Yes	
Census Tract 546	8,481	5,202	61.3%	Yes		8,416	897	10.7%		No
Census Tract 543	6,672	527	7.9%		No	6,672	469	7.0%		No
Census Tract 544	7,434	3,952	53.2%	Yes		6,669	1,194	17.9%		No
Census Tract 545	4,831	1,923	39.8%		No	4,802	352	7.3%		No
Census Tract 541	8,251	6,866	83.2%	Yes		8,090	1,208	14.9%		No
TOTAL Teaneck Township	40,458	22,025	54.4%	4	2	39,338	5,653	14.4%	1	5
Tenafly Borough										
Census Tract 551	6,725	2,093	31.1%		No	6,663	415	6.2%		No
Census Tract 552	7,907	3,849	48.7%	Yes		7,907	891	11.3%		No
TOTAL Tenafly Borough	14,632	5,942	40.6%	1	1	14,570	1,306	9.0%	-	2
Teterboro Borough										
Census Tract 361	2,677	1,521	56.8%	Yes		2,677	712	26.6%		No
TOTAL Teterboro Borough	2,677	1,521	56.8%	1	-	2,677	712	26.6%	-	1
Upper Saddle River Borough										
Census Tract 532	8,227	2,482	30.2%		No	8,212	475	5.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Upper Saddle River Borough</b>	<b>8,227</b>	<b>2,482</b>	<b>30.2%</b>	-	1	<b>8,212</b>	<b>475</b>	<b>5.8%</b>	-	1
<b>Waldwick Borough</b>										
Census Tract 561	5,096	1,001	19.6%		No	5,096	271	5.3%		No
Census Tract 562	4,890	956	19.6%		No	4,890	660	13.5%		No
<b>TOTAL Waldwick Borough</b>	<b>9,986</b>	<b>1,957</b>	<b>19.6%</b>	-	2	<b>9,986</b>	<b>931</b>	<b>9.3%</b>	-	2
<b>Wallington Borough</b>										
Census Tract 571.01	4,365	1,473	33.7%		No	4,351	902	20.7%		No
Census Tract 571.02	3,572	760	21.3%		No	3,549	639	18.0%		No
Census Tract 572	3,603	779	21.6%		No	3,603	970	26.9%	Yes	
<b>TOTAL Wallington Borough</b>	<b>11,540</b>	<b>3,012</b>	<b>26.1%</b>	-	3	<b>11,503</b>	<b>2,511</b>	<b>21.8%</b>	1	2
<b>Washington Township</b>										
Census Tract 581	3,739	789	21.1%		No	3,730	197	5.3%		No
Census Tract 582	5,498	770	14.0%		No	5,498	210	3.8%		No
<b>TOTAL Washington Township</b>	<b>9,237</b>	<b>1,559</b>	<b>16.9%</b>	-	2	<b>9,228</b>	<b>407</b>	<b>4.4%</b>	-	2
<b>Westwood Borough</b>										
Census Tract 591	5,143	1,768	34.4%		No	5,092	519	10.2%		No
Census Tract 592	5,972	1,918	32.1%		No	5,972	662	11.1%		No
<b>TOTAL Westwood Borough</b>	<b>11,115</b>	<b>3,686</b>	<b>33.2%</b>	-	2	<b>11,064</b>	<b>1,181</b>	<b>10.7%</b>	-	2
<b>Woodcliff Lake Borough</b>										
Census Tract 352	5,832	665	11.4%		No	5,743	314	5.5%		No
<b>TOTAL Woodcliff Lake Borough</b>	<b>5,832</b>	<b>665</b>	<b>11.4%</b>	-	1	<b>5,743</b>	<b>314</b>	<b>5.5%</b>	-	1
<b>Wood-Ridge Borough</b>										
Census Tract 600	8,819	2,918	33.1%		No	8,819	1,059	12.0%		No
<b>TOTAL Wood-Ridge Borough</b>	<b>8,819</b>	<b>2,918</b>	<b>33.1%</b>	-	1	<b>8,819</b>	<b>1,059</b>	<b>12.0%</b>	-	1
<b>Wyckoff Township</b>										
Census Tract 614	5,131	664	12.9%		No	5,131	134	2.6%		No
Census Tract 611	4,728	380	8.0%		No	4,719	285	6.0%		No
Census Tract 612	3,241	182	5.6%		No	3,241	116	3.6%		No
Census Tract 613	3,917	630	16.1%		No	3,426	318	9.3%		No
<b>TOTAL Wyckoff Township</b>	<b>17,017</b>	<b>1,856</b>	<b>10.9%</b>	-	4	<b>16,517</b>	<b>853</b>	<b>5.2%</b>	-	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
TOTAL Bergen County	930,390	404,149	43.4%	84	94	920,046	147,807	16.1%	28	149

Table 17C-9

## Environmental Justice Populations: Essex County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Essex County, New Jersey										
Belleville Township										
Census Tract 140	3,817	1,966	51.5%	Yes		3,817	345	9.0%		No
Census Tract 147	6,392	4,563	71.4%	Yes		6,372	1,886	29.6%	Yes	
Census Tract 143	5,755	4,202	73.0%	Yes		5,755	1,665	28.9%	Yes	
Census Tract 144	3,488	2,699	77.4%	Yes		3,488	1,234	35.4%	Yes	
Census Tract 141	3,511	2,138	60.9%	Yes		3,511	732	20.8%		No
Census Tract 142	4,094	2,944	71.9%	Yes		4,094	221	5.4%		No
Census Tract 145	4,221	3,349	79.3%	Yes		4,221	1,598	37.9%	Yes	
Census Tract 146	4,903	3,815	77.8%	Yes		4,903	1,563	31.9%	Yes	
TOTAL Belleville Township	36,181	25,676	71.0%	8	-	36,161	9,244	25.6%	5	3
Bloomfield Township										
Census Tract 148	3,344	1,277	38.2%		No	3,300	388	11.8%		No
Census Tract 149	4,652	1,600	34.4%		No	4,644	306	6.6%		No
Census Tract 150	3,311	1,115	33.7%		No	3,295	779	23.6%		No
Census Tract 151	4,542	2,460	54.2%	Yes		4,495	542	12.1%		No
Census Tract 152	4,370	2,669	61.1%	Yes		4,370	1,262	28.9%	Yes	
Census Tract 153	2,569	1,694	65.9%	Yes		2,569	332	12.9%		No
Census Tract 154	5,195	2,791	53.7%	Yes		4,735	1,300	27.5%	Yes	
Census Tract 155	4,417	2,630	59.5%	Yes		4,417	417	9.4%		No
Census Tract 156	4,440	2,947	66.4%	Yes		4,440	803	18.1%		No
Census Tract 157	2,596	2,025	78.0%	Yes		2,539	1,071	42.2%	Yes	
Census Tract 158	4,164	2,943	70.7%	Yes		4,164	1,053	25.3%		No
Census Tract 159	5,660	4,852	85.7%	Yes		5,628	2,042	36.3%	Yes	
TOTAL Bloomfield Township	49,260	29,003	58.9%	9	3	48,596	10,295	21.2%	4	8
Caldwell Borough										
Census Tract 217.01	3,758	703	18.7%		No	3,758	620	16.5%		No
Census Tract 217.02	4,211	983	23.3%		No	3,699	502	13.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Caldwell Borough</b>	<b>7,969</b>	<b>1,686</b>	<b>21.2%</b>	-	2	<b>7,457</b>	<b>1,122</b>	<b>15.0%</b>	-	2
<b>Cedar Grove Township</b>										
Census Tract 213	5,931	1,364	23.0%		No	5,472	318	5.8%		No
Census Tract 214	6,585	1,037	15.7%		No	6,225	498	8.0%		No
<b>TOTAL Cedar Grove Township</b>	<b>12,516</b>	<b>2,401</b>	<b>19.2%</b>	-	2	<b>11,697</b>	<b>816</b>	<b>7.0%</b>	-	2
<b>City of Orange Township</b>										
Census Tract 181	2,057	1,982	96.4%	Yes		2,057	864	42.0%	Yes	
Census Tract 182	4,176	4,096	98.1%	Yes		4,176	1,108	26.5%		No
Census Tract 183	4,307	4,281	99.4%	Yes		4,307	2,346	54.5%	Yes	
Census Tract 184	1,925	1,888	98.1%	Yes		1,917	779	40.6%	Yes	
Census Tract 186	4,555	4,291	94.2%	Yes		4,342	2,277	52.4%	Yes	
Census Tract 187	5,228	5,162	98.7%	Yes		5,221	3,020	57.8%	Yes	
Census Tract 188	4,464	4,229	94.7%	Yes		4,290	1,257	29.3%	Yes	
Census Tract 189	3,772	3,657	97.0%	Yes		3,752	1,685	44.9%	Yes	
<b>TOTAL City of Orange Township</b>	<b>30,484</b>	<b>29,586</b>	<b>97.1%</b>	8	-	<b>30,062</b>	<b>13,336</b>	<b>44.4%</b>	7	1



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
East Orange										
Census Tract 99	2,348	2,328	99.1%	Yes		2,348	948	40.4%	Yes	
Census Tract 100	2,983	2,887	96.8%	Yes		2,941	525	17.9%		No
Census Tract 101	2,668	2,626	98.4%	Yes		2,650	882	33.3%	Yes	
Census Tract 102	4,594	4,513	98.2%	Yes		4,375	1,628	37.2%	Yes	
Census Tract 103	3,171	3,077	97.0%	Yes		2,920	1,137	38.9%	Yes	
Census Tract 104	4,740	4,666	98.4%	Yes		4,644	2,079	44.8%	Yes	
Census Tract 105	4,763	4,696	98.6%	Yes		4,696	2,155	45.9%	Yes	
Census Tract 106	4,331	4,230	97.7%	Yes		4,286	2,603	60.7%	Yes	
Census Tract 107	3,561	3,513	98.7%	Yes		3,377	1,910	56.6%	Yes	
Census Tract 108	2,978	2,978	100.0%	Yes		2,932	1,544	52.7%	Yes	
Census Tract 109	2,265	2,239	98.9%	Yes		2,241	857	38.2%	Yes	
Census Tract 111	3,921	3,863	98.5%	Yes		3,908	1,991	50.9%	Yes	
Census Tract 112	2,952	2,894	98.0%	Yes		2,952	1,638	55.5%	Yes	
Census Tract 113	4,124	4,090	99.2%	Yes		4,117	1,485	36.1%	Yes	
Census Tract 114	4,369	4,111	94.1%	Yes		4,244	1,040	24.5%		No
Census Tract 115	2,230	2,213	99.2%	Yes		2,218	792	35.7%	Yes	
Census Tract 116	3,213	3,173	98.8%	Yes		3,193	1,758	55.1%	Yes	
Census Tract 117	2,813	2,629	93.5%	Yes		2,682	1,078	40.2%	Yes	
Census Tract 118	2,350	2,314	98.5%	Yes		2,332	753	32.3%	Yes	
TOTAL East Orange	64,374	63,040	97.9%	19	-	63,056	26,803	42.5%	17	2
Essex Fells Borough										
Census Tract 209.01	2,110	275	13.0%		No	2,110	62	2.9%		No
TOTAL Essex Fells Borough	2,110	275	13.0%	-	1	2,110	62	2.9%	-	1
Fairfield Township										
Census Tract 216.01	7,486	1,156	15.4%		No	7,486	562	7.5%		No
TOTAL Fairfield Township	7,486	1,156	15.4%	-	1	7,486	562	7.5%	-	1
Glen Ridge Borough										
Census Tract 160	7,584	1,792	23.6%		No	7,584	519	6.8%		No
TOTAL Glen Ridge Borough	7,584	1,792	23.6%	-	1	7,584	519	6.8%	-	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Irvington Township										
Census Tract 119	1,629	1,570	96.4%	Yes		1,629	710	43.6%	Yes	
Census Tract 120	6,126	6,029	98.4%	Yes		5,944	2,386	40.1%	Yes	
Census Tract 121	3,991	3,934	98.6%	Yes		3,991	1,609	40.3%	Yes	
Census Tract 122	5,326	5,069	95.2%	Yes		5,326	2,395	45.0%	Yes	
Census Tract 123	4,598	4,493	97.7%	Yes		4,576	1,750	38.2%	Yes	
Census Tract 124	4,424	4,244	95.9%	Yes		4,424	2,392	54.1%	Yes	
Census Tract 125	3,928	3,894	99.1%	Yes		3,928	1,610	41.0%	Yes	
Census Tract 126	3,064	3,027	98.8%	Yes		3,043	1,473	48.4%	Yes	
Census Tract 127	4,080	3,942	96.6%	Yes		4,080	1,673	41.0%	Yes	
Census Tract 128	3,464	3,341	96.4%	Yes		3,464	1,272	36.7%	Yes	
Census Tract 129	3,652	3,652	100.0%	Yes		3,623	2,070	57.1%	Yes	
Census Tract 130	1,884	1,853	98.4%	Yes		1,884	423	22.5%		No
Census Tract 131	2,185	2,180	99.8%	Yes		2,185	1,213	55.5%	Yes	
Census Tract 132	2,156	2,126	98.6%	Yes		2,156	1,291	59.9%	Yes	
Census Tract 133	3,572	3,558	99.6%	Yes		3,572	1,995	55.9%	Yes	
TOTAL Irvington Township	54,079	52,912	97.8%	15	-	53,825	24,262	45.1%	14	1
Livingston Township										
Census Tract 204	5,298	1,533	28.9%		No	5,298	184	3.5%		No
Census Tract 205	7,643	2,793	36.5%		No	7,643	183	2.4%		No
Census Tract 206	5,088	1,720	33.8%		No	4,988	455	9.1%		No
Census Tract 207	4,473	1,799	40.2%		No	4,473	552	12.3%		No
Census Tract 208	7,344	2,245	30.6%		No	7,088	454	6.4%		No
TOTAL Livingston Township	29,846	10,090	33.8%	-	5	29,490	1,828	6.2%	-	5

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Maplewood Township										
Census Tract 195	3,810	913	24.0%		No	3,810	130	3.4%		No
Census Tract 196	6,139	4,144	67.5%	Yes		6,119	1,484	24.3%		No
Census Tract 197	6,586	5,431	82.5%	Yes		6,542	793	12.1%		No
Census Tract 198	2,743	1,091	39.8%		No	2,743	242	8.8%		No
Census Tract 199	2,561	549	21.4%		No	2,561	236	9.2%		No
Census Tract 194	2,945	610	20.7%		No	2,945	162	5.5%		No
TOTAL Maplewood Township	24,784	12,738	51.4%	2	4	24,720	3,047	12.3%	-	6
Millburn Township										
Census Tract 202	4,851	1,746	36.0%		No	4,851	253	5.2%		No
Census Tract 203	4,580	2,143	46.8%		No	4,554	798	17.5%		No
Census Tract 200	5,760	1,826	31.7%		No	5,760	356	6.2%		No
Census Tract 201	4,957	1,794	36.2%		No	4,957	276	5.6%		No
TOTAL Millburn Township	20,148	7,509	37.3%	-	4	20,122	1,683	8.4%	-	4
Montclair Township										
Census Tract 163	3,584	541	15.1%		No	3,584	255	7.1%		No
Census Tract 164	3,628	699	19.3%		No	3,560	322	9.0%		No
Census Tract 165	3,740	1,214	32.5%		No	3,703	464	12.5%		No
Census Tract 166	3,141	1,282	40.8%		No	3,141	642	20.4%		No
Census Tract 167	2,704	1,707	63.1%	Yes		2,704	681	25.2%		No
Census Tract 168	3,591	1,802	50.2%	Yes		3,582	613	17.1%		No
Census Tract 169	2,920	809	27.7%		No	2,920	101	3.5%		No
Census Tract 170	2,688	1,420	52.8%	Yes		2,631	265	10.1%		No
Census Tract 171	2,299	2,074	90.2%	Yes		2,285	1,059	46.3%	Yes	
Census Tract 172	3,310	2,371	71.6%	Yes		3,302	649	19.7%		No
Census Tract 161	3,557	876	24.6%		No	3,449	353	10.2%		No
Census Tract 162	3,265	437	13.4%		No	3,265	128	3.9%		No
TOTAL Montclair Township	38,427	15,232	39.6%	5	7	38,126	5,532	14.5%	1	11
Newark										
Census Tract 22.01	8,704	8,081	92.8%	Yes		8,704	4,405	50.6%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 22.02	3,385	3,375	99.7%	Yes		3,382	1,647	48.7%	Yes	
Census Tract 23	4,917	4,879	99.2%	Yes		4,917	1,619	32.9%	Yes	
Census Tract 28	1,898	1,898	100.0%	Yes		1,856	1,062	57.2%	Yes	
Census Tract 31	2,092	2,089	99.9%	Yes		2,066	1,364	66.0%	Yes	
Census Tract 35	2,270	2,258	99.5%	Yes		2,270	997	43.9%	Yes	
Census Tract 37	1,874	1,806	96.4%	Yes		1,874	943	50.3%	Yes	
Census Tract 38	2,218	2,204	99.4%	Yes		2,218	1,127	50.8%	Yes	
Census Tract 39	1,296	1,296	100.0%	Yes		1,296	896	69.1%	Yes	
Census Tract 41	3,332	3,332	100.0%	Yes		3,250	2,310	71.1%	Yes	
Census Tract 42	2,214	2,180	98.5%	Yes		2,212	1,318	59.6%	Yes	
Census Tract 43	2,679	2,679	100.0%	Yes		2,679	1,578	58.9%	Yes	
Census Tract 44	1,313	1,298	98.9%	Yes		1,313	745	56.7%	Yes	
Census Tract 45	2,981	2,959	99.3%	Yes		2,981	1,378	46.2%	Yes	
Census Tract 46	2,977	2,953	99.2%	Yes		2,977	1,584	53.2%	Yes	
Census Tract 47	4,981	4,907	98.5%	Yes		4,970	1,515	30.5%	Yes	
Census Tract 48.01	2,279	2,263	99.3%	Yes		2,279	1,186	52.0%	Yes	
Census Tract 48.02	2,670	2,565	96.1%	Yes		2,627	2,017	76.8%	Yes	
Census Tract 49	3,276	3,252	99.3%	Yes		3,276	1,692	51.6%	Yes	
Census Tract 50	2,774	2,737	98.7%	Yes		2,774	1,697	61.2%	Yes	
Census Tract 51	2,171	2,158	99.4%	Yes		2,171	1,101	50.7%	Yes	
Census Tract 52	1,307	1,296	99.2%	Yes		1,306	803	61.5%	Yes	
Census Tract 53	2,290	2,224	97.1%	Yes		2,273	1,189	52.3%	Yes	
Census Tract 54	4,178	4,155	99.4%	Yes		4,140	3,161	76.4%	Yes	
Census Tract 57	2,225	1,838	82.6%	Yes		2,225	988	44.4%	Yes	
Census Tract 62	1,696	1,654	97.5%	Yes		1,696	1,019	60.1%	Yes	
Census Tract 64	1,154	1,079	93.5%	Yes		1,154	278	24.1%		No
Census Tract 66	1,481	1,454	98.2%	Yes		1,481	751	50.7%	Yes	
Census Tract 67	3,955	3,819	96.6%	Yes		3,804	2,199	57.8%	Yes	
Census Tract 68	5,811	4,411	75.9%	Yes		5,811	2,284	39.3%	Yes	
Census Tract 80	2,356	1,793	76.1%	Yes		2,356	1,336	56.7%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 81	3,714	3,552	95.6%	Yes		3,714	2,215	59.6%	Yes	
Census Tract 82	2,289	2,130	93.1%	Yes		1,964	1,510	76.9%	Yes	
Census Tract 227	2,648	2,515	95.0%	Yes		2,648	1,508	56.9%	Yes	
Census Tract 228	1,964	1,878	95.6%	Yes		1,964	1,399	71.2%	Yes	
Census Tract 230	3,179	3,160	99.4%	Yes		3,037	2,300	75.7%	Yes	
Census Tract 231	2,396	2,365	98.7%	Yes		2,388	1,150	48.2%	Yes	
Census Tract 232	3,413	3,386	99.2%	Yes		3,382	2,212	65.4%	Yes	
Census Tract 71	4,428	2,212	50.0%		No	4,360	1,697	38.9%	Yes	
Census Tract 72	3,849	2,236	58.1%	Yes		3,849	1,470	38.2%	Yes	
Census Tract 73	5,438	2,626	48.3%		No	5,425	2,150	39.6%	Yes	
Census Tract 74	5,388	3,739	69.4%	Yes		2,818	1,221	43.3%	Yes	
Census Tract 75.01	4,665	3,408	73.1%	Yes		4,653	3,515	75.5%	Yes	
Census Tract 75.02	2,573	2,168	84.3%	Yes		2,564	1,447	56.4%	Yes	
Census Tract 76	3,508	2,489	71.0%	Yes		3,489	1,701	48.8%	Yes	
Census Tract 69	4,908	3,302	67.3%	Yes		4,908	2,175	44.3%	Yes	
Census Tract 70	3,765	2,067	54.9%	Yes		3,765	1,821	48.4%	Yes	
Census Tract 77	2,701	1,786	66.1%	Yes		2,701	1,286	47.6%	Yes	
Census Tract 78	3,600	2,307	64.1%	Yes		3,600	1,920	53.3%	Yes	
Census Tract 79	3,659	2,312	63.2%	Yes		3,643	1,637	44.9%	Yes	
Census Tract 9801	2,594	2,126	82.0%	Yes		-	-	0.0%		No
Census Tract 9802	1,391	1,223	87.9%	Yes		-	-	0.0%		No
Census Tract 2	3,378	3,161	93.6%	Yes		3,361	1,956	58.2%	Yes	
Census Tract 3	3,893	3,642	93.6%	Yes		3,852	2,556	66.4%	Yes	
Census Tract 4	2,104	1,908	90.7%	Yes		2,094	1,031	49.2%	Yes	
Census Tract 5	1,970	1,832	93.0%	Yes		1,970	1,084	55.0%	Yes	
Census Tract 6	3,721	3,255	87.5%	Yes		3,721	1,505	40.4%	Yes	
Census Tract 7	6,165	5,919	96.0%	Yes		6,165	3,258	52.8%	Yes	
Census Tract 8	4,672	4,525	96.9%	Yes		4,671	2,723	58.3%	Yes	
Census Tract 9	3,392	3,353	98.9%	Yes		3,392	2,323	68.5%	Yes	
Census Tract 10	3,503	3,248	92.7%	Yes		2,760	1,680	60.9%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 11	3,154	2,254	71.5%	Yes		1,645	762	46.3%	Yes	
Census Tract 13	1,629	1,393	85.5%	Yes		1,574	686	43.6%	Yes	
Census Tract 14	2,816	2,765	98.2%	Yes		2,816	1,520	54.0%	Yes	
Census Tract 15	1,942	1,884	97.0%	Yes		1,913	1,554	81.2%	Yes	
Census Tract 16	1,832	1,732	94.5%	Yes		1,815	1,225	67.5%	Yes	
Census Tract 17	2,156	2,156	100.0%	Yes		2,156	1,360	63.1%	Yes	
Census Tract 18	2,188	2,188	100.0%	Yes		2,188	1,326	60.6%	Yes	
Census Tract 19	1,955	1,914	97.9%	Yes		1,955	1,346	68.8%	Yes	
Census Tract 20	4,231	4,231	100.0%	Yes		4,231	1,691	40.0%	Yes	
Census Tract 21	3,185	3,101	97.4%	Yes		3,185	1,226	38.5%	Yes	
Census Tract 24	2,979	2,822	94.7%	Yes		2,979	1,273	42.7%	Yes	
Census Tract 25	4,590	4,520	98.5%	Yes		4,559	2,302	50.5%	Yes	
Census Tract 26	1,564	1,564	100.0%	Yes		1,483	834	56.2%	Yes	
Census Tract 87	3,564	3,391	95.1%	Yes		3,543	1,684	47.5%	Yes	
Census Tract 88	1,852	1,845	99.6%	Yes		1,832	1,002	54.7%	Yes	
Census Tract 89	2,035	1,988	97.7%	Yes		2,035	1,106	54.3%	Yes	
Census Tract 90	1,787	1,672	93.6%	Yes		1,704	868	50.9%	Yes	
Census Tract 91	3,116	2,884	92.6%	Yes		3,116	1,836	58.9%	Yes	
Census Tract 94	5,973	5,084	85.1%	Yes		5,973	2,798	46.8%	Yes	
Census Tract 229	4,255	3,590	84.4%	Yes		3,195	1,637	51.2%	Yes	
Census Tract 1	6,296	5,681	90.2%	Yes		6,296	2,677	42.5%	Yes	
Census Tract 92	3,062	2,767	90.4%	Yes		2,574	1,497	58.2%	Yes	
Census Tract 93	5,017	4,859	96.9%	Yes		5,017	2,995	59.7%	Yes	
Census Tract 95	5,514	4,820	87.4%	Yes		5,514	2,708	49.1%	Yes	
Census Tract 96	5,443	5,162	94.8%	Yes		5,443	3,415	62.7%	Yes	
Census Tract 97	5,297	5,234	98.8%	Yes		5,297	2,725	51.4%	Yes	
<b>TOTAL Newark</b>	<b>281,054</b>	<b>250,223</b>	<b>89.0%</b>	<b>85</b>	<b>2</b>	<b>269,234</b>	<b>142,692</b>	<b>53.0%</b>	<b>84</b>	<b>3</b>



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
North Caldwell Borough										
Census Tract 216.02	6,615	1,048	15.8%		No	6,615	285	4.3%		No
TOTAL North Caldwell Borough	6,615	1,048	15.8%	-	1	6,615	285	4.3%	-	1
Nutley Township										
Census Tract 139	4,922	1,694	34.4%		No	4,922	811	16.5%		No
Census Tract 135	4,296	1,092	25.4%		No	4,296	249	5.8%		No
Census Tract 136	6,541	2,963	45.3%		No	6,541	1,054	16.1%		No
Census Tract 134	3,776	880	23.3%		No	3,776	280	7.4%		No
Census Tract 137	4,550	1,533	33.7%		No	4,518	1,531	33.9%	Yes	
Census Tract 138	4,393	1,348	30.7%		No	4,393	258	5.9%		No
TOTAL Nutley Township	28,478	9,510	33.4%	-	6	28,446	4,183	14.7%	1	5
Roseland Borough										
Census Tract 209.02	5,834	922	15.8%		No	5,834	557	9.5%		No
TOTAL Roseland Borough	5,834	922	15.8%	-	1	5,834	557	9.5%	-	1
South Orange Village Township										
Census Tract 190	4,292	1,430	33.3%		No	4,292	340	7.9%		No
Census Tract 193	3,447	1,280	37.1%		No	3,372	723	21.4%		No
Census Tract 191	4,140	2,205	53.3%	Yes		4,042	194	4.8%		No
Census Tract 192	4,642	1,717	37.0%		No	2,799	861	30.8%	Yes	
TOTAL South Orange Village Township	16,521	6,632	40.1%	1	3	14,505	2,118	14.6%	1	3
Verona Township										
Census Tract 210	5,417	679	12.5%		No	5,417	572	10.6%		No
Census Tract 211	4,464	792	17.7%		No	4,464	254	5.7%		No
Census Tract 212	3,556	593	16.7%		No	3,556	387	10.9%		No
TOTAL Verona Township	13,437	2,064	15.4%	-	3	13,437	1,213	9.0%	-	3
West Caldwell Township										
Census Tract 218.01	2,704	345	12.8%		No	2,704	135	5.0%		No
Census Tract 218.02	3,506	584	16.7%		No	3,287	214	6.5%		No
Census Tract 218.03	4,648	579	12.5%		No	4,648	561	12.1%		No
TOTAL West Caldwell Township	10,858	1,508	13.9%	-	3	10,639	910	8.6%	-	3

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
West Orange Township										
Census Tract 173.01	5,369	1,947	36.3%		No	5,207	129	2.5%		No
Census Tract 173.02	7,790	3,813	48.9%		No	7,204	1,016	14.1%		No
Census Tract 174	5,554	2,928	52.7%	Yes		5,554	242	4.4%		No
Census Tract 179	3,705	1,899	51.3%	Yes		3,705	301	8.1%		No
Census Tract 180	6,178	3,236	52.4%	Yes		6,062	338	5.6%		No
Census Tract 175	6,060	3,265	53.9%	Yes		6,060	676	11.2%		No
Census Tract 176	4,880	3,710	76.0%	Yes		4,880	1,203	24.7%		No
Census Tract 177	4,811	4,130	85.8%	Yes		4,811	2,289	47.6%	Yes	
Census Tract 178	3,012	2,508	83.3%	Yes		2,982	1,010	33.9%	Yes	
TOTAL West Orange Township	47,359	27,436	57.9%	7	2	46,465	7,204	15.5%	2	7
TOTAL Essex County	795,404	552,439	69.5%	159	1	775,667	258,273	33.3%	136	6

Table 17C-10

## Environmental Justice Populations: Hudson County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hudson County, New Jersey										
Bayonne										
Census Tract 101	7,133	4,528	63.5%	Yes		7,133	3,001	42.1%	Yes	
Census Tract 102	2,908	1,397	48.0%		No	2,908	598	20.6%		No
Census Tract 103	3,147	1,989	63.2%	Yes		3,147	1,685	53.5%	Yes	
Census Tract 104	4,184	2,354	56.3%	Yes		4,173	998	23.9%		No
Census Tract 105	5,503	2,917	53.0%	Yes		5,484	867	15.8%		No
Census Tract 106	7,383	4,175	56.5%	Yes		7,383	2,726	36.9%	Yes	
Census Tract 107	3,723	2,077	55.8%	Yes		3,723	1,743	46.8%	Yes	
Census Tract 108	3,471	2,245	64.7%	Yes		3,471	915	26.4%		No
Census Tract 109	2,174	1,113	51.2%	Yes		2,174	985	45.3%	Yes	
Census Tract 110	2,069	1,445	69.8%	Yes		2,069	695	33.6%	Yes	
Census Tract 111	4,487	2,806	62.5%	Yes		4,475	2,032	45.4%	Yes	
Census Tract 112	6,269	3,194	50.9%	Yes		6,247	745	11.9%		No
Census Tract 113	2,593	1,568	60.5%	Yes		2,593	1,021	39.4%	Yes	
Census Tract 114	3,583	1,884	52.6%	Yes		3,583	798	22.3%		No
Census Tract 115	2,601	844	32.4%		No	2,601	476	18.3%		No
Census Tract 116	3,863	1,699	44.0%		No	3,863	1,723	44.6%	Yes	
TOTAL Bayonne	65,091	36,235	55.7%	13	3	65,027	21,008	32.3%	9	7
East Newark Borough										
Census Tract 134	2,644	2,116	80.0%	Yes		2,618	1,029	39.3%	Yes	
TOTAL East Newark Borough	2,644	2,116	80.0%	1	-	2,618	1,029	39.3%	1	-
Guttenberg										
Census Tract 150.02	6,325	5,067	80.1%	Yes		6,218	2,359	37.9%	Yes	
Census Tract 151	3,017	2,542	84.3%	Yes		3,017	887	29.4%	Yes	
Census Tract 150.01	1,975	1,115	56.5%	Yes		1,975	235	11.9%		No
TOTAL Guttenberg	11,317	8,724	77.1%	3	-	11,210	3,481	31.1%	2	1

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Harrison										
Census Tract 135	5,274	3,765	71.4%	Yes		5,274	2,130	40.4%	Yes	
Census Tract 139	3,781	2,455	64.9%	Yes		3,781	1,168	30.9%	Yes	
Census Tract 136	2,220	1,725	77.7%	Yes		2,220	1,070	48.2%	Yes	
Census Tract 137	2,737	2,230	81.5%	Yes		2,737	1,266	46.3%	Yes	
Census Tract 138	3,201	2,379	74.3%	Yes		3,201	626	19.6%		No
TOTAL Harrison	17,213	12,554	72.9%	5	-	17,213	6,260	36.4%	4	1
Hoboken										
Census Tract 191	3,369	972	28.9%		No	3,369	323	9.6%		No
Census Tract 192	3,972	1,011	25.5%		No	3,972	127	3.2%		No
Census Tract 193	2,876	840	29.2%		No	2,876	371	12.9%		No
Census Tract 194	2,775	711	25.6%		No	2,775	611	22.0%		No
Census Tract 183.01	2,637	661	25.1%		No	2,637	58	2.2%		No
Census Tract 183.02	4,418	1,298	29.4%		No	4,418	122	2.8%		No
Census Tract 184	5,681	1,712	30.1%		No	5,657	871	15.4%		No
Census Tract 185	6,923	2,087	30.1%		No	6,889	1,143	16.6%		No
Census Tract 186	2,487	603	24.2%		No	2,487	229	9.2%		No
Census Tract 187.01	2,614	737	28.2%		No	1,327	267	20.1%		No
Census Tract 187.02	4,056	1,155	28.5%		No	4,056	645	15.9%		No
Census Tract 188	3,147	875	27.8%		No	3,147	443	14.1%		No
Census Tract 189	3,550	863	24.3%		No	3,550	460	13.0%		No
Census Tract 190	4,688	2,770	59.1%	Yes		4,514	2,355	52.2%	Yes	
TOTAL Hoboken	53,193	16,295	30.6%	1	13	51,674	8,025	15.5%	1	13

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Jersey City										
Census Tract 40	5,411	4,968	91.8%	Yes		5,411	1,145	21.2%		No
Census Tract 48	3,868	3,163	81.8%	Yes		3,868	1,342	34.7%	Yes	
Census Tract 54	7,302	6,515	89.2%	Yes		7,289	1,741	23.9%		No
Census Tract 56	4,371	4,067	93.0%	Yes		4,332	1,687	38.9%	Yes	
Census Tract 59	7,590	6,292	82.9%	Yes		7,386	1,531	20.7%		No
Census Tract 60	4,069	4,019	98.8%	Yes		4,069	2,120	52.1%	Yes	
Census Tract 61	7,249	5,630	77.7%	Yes		7,232	2,547	35.2%	Yes	
Census Tract 62	3,852	3,636	94.4%	Yes		3,797	1,597	42.1%	Yes	
Census Tract 63	4,576	4,287	93.7%	Yes		4,500	2,149	47.8%	Yes	
Census Tract 58.02	1,642	851	51.8%	Yes		1,603	142	8.9%		No
Census Tract 12.01	2,147	1,932	90.0%	Yes		2,147	752	35.0%	Yes	
Census Tract 12.02	1,377	1,207	87.7%	Yes		1,362	565	41.5%	Yes	
Census Tract 13	2,898	2,169	74.8%	Yes		2,723	783	28.8%	Yes	
Census Tract 14	4,058	3,228	79.5%	Yes		3,851	1,527	39.7%	Yes	
Census Tract 17.01	4,533	3,811	84.1%	Yes		4,533	2,169	47.8%	Yes	
Census Tract 18	3,874	3,129	80.8%	Yes		3,874	2,238	57.8%	Yes	
Census Tract 19	1,722	1,475	85.7%	Yes		1,722	607	35.2%	Yes	
Census Tract 20	3,990	3,195	80.1%	Yes		3,967	1,602	40.4%	Yes	
Census Tract 22	1,737	724	41.7%		No	1,737	288	16.6%		No
Census Tract 23	2,461	1,404	57.1%	Yes		2,461	284	11.5%		No
Census Tract 24	2,562	1,017	39.7%		No	2,562	162	6.3%		No
Census Tract 27	5,503	4,572	83.1%	Yes		5,475	2,126	38.8%	Yes	
Census Tract 28	5,502	3,452	62.7%	Yes		5,166	2,331	45.1%	Yes	
Census Tract 29	3,744	2,470	66.0%	Yes		3,432	1,374	40.0%	Yes	
Census Tract 30	2,631	1,985	75.4%	Yes		2,604	1,146	44.0%	Yes	
Census Tract 31	5,705	4,306	75.5%	Yes		5,508	1,955	35.5%	Yes	
Census Tract 35	2,107	1,203	57.1%	Yes		2,107	469	22.3%		No
Census Tract 41.01	6,242	5,000	80.1%	Yes		6,242	1,990	31.9%	Yes	
Census Tract 41.02	3,211	2,812	87.6%	Yes		3,211	1,367	42.6%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 42	5,455	5,027	92.2%	Yes		5,455	2,592	47.5%	Yes	
Census Tract 43	2,405	1,968	81.8%	Yes		2,384	783	32.8%	Yes	
Census Tract 44	2,532	2,475	97.7%	Yes		2,508	1,650	65.8%	Yes	
Census Tract 45	4,486	4,129	92.0%	Yes		4,458	2,281	51.2%	Yes	
Census Tract 46	2,770	2,519	90.9%	Yes		2,770	1,588	57.3%	Yes	
Census Tract 47	2,487	1,708	68.7%	Yes		2,456	967	39.4%	Yes	
Census Tract 49	3,961	3,670	92.7%	Yes		3,961	1,202	30.3%	Yes	
Census Tract 52	4,570	3,868	84.6%	Yes		4,360	2,287	52.5%	Yes	
Census Tract 53	3,412	3,274	96.0%	Yes		3,412	1,365	40.0%	Yes	
Census Tract 55	2,941	2,729	92.8%	Yes		2,898	1,741	60.1%	Yes	
Census Tract 58.01	5,437	5,251	96.6%	Yes		5,424	2,925	53.9%	Yes	
Census Tract 64	2,837	1,427	50.3%	Yes		2,819	391	13.9%		No
Census Tract 65	2,102	1,392	66.2%	Yes		2,102	603	28.7%	Yes	
Census Tract 66	1,377	1,210	87.9%	Yes		1,377	376	27.3%	Yes	
Census Tract 67	3,155	2,858	90.6%	Yes		3,155	1,878	59.5%	Yes	
Census Tract 68	3,854	3,679	95.5%	Yes		3,854	1,698	44.1%	Yes	
Census Tract 70	4,772	3,366	70.5%	Yes		4,763	967	20.3%		No
Census Tract 71	2,883	2,130	73.9%	Yes		2,751	755	27.4%	Yes	
Census Tract 72	2,445	1,360	55.6%	Yes		2,177	202	9.3%		No
Census Tract 73	2,940	1,581	53.8%	Yes		2,940	212	7.2%		No
Census Tract 74	5,118	2,420	47.3%		No	5,118	200	3.9%		No
Census Tract 75	6,264	3,923	62.6%	Yes		6,264	886	14.1%		No
Census Tract 76	8,444	5,440	64.4%	Yes		8,444	617	7.3%		No
Census Tract 77	9,134	7,298	79.9%	Yes		9,134	1,792	19.6%		No
Census Tract 78	2,245	1,358	60.5%	Yes		2,245	977	43.5%	Yes	
Census Tract 9801	-	-	0.0%		No	-	-	0.0%		No
Census Tract 1	6,029	4,810	79.8%	Yes		5,950	2,100	35.3%	Yes	
Census Tract 2	5,207	4,363	83.8%	Yes		5,207	2,546	48.9%	Yes	
Census Tract 3	4,132	3,150	76.2%	Yes		4,126	1,591	38.6%	Yes	
Census Tract 4	3,669	3,044	83.0%	Yes		3,608	1,209	33.5%	Yes	



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 5	4,016	3,194	79.5%	Yes		3,966	1,477	37.2%	Yes	
Census Tract 6	5,272	3,350	63.5%	Yes		5,272	1,533	29.1%	Yes	
Census Tract 7	3,032	2,164	71.4%	Yes		3,032	895	29.5%	Yes	
Census Tract 8	3,508	2,177	62.1%	Yes		3,508	1,009	28.8%	Yes	
Census Tract 9.02	6,007	4,555	75.8%	Yes		6,007	1,951	32.5%	Yes	
Census Tract 10	2,060	1,623	78.8%	Yes		2,060	614	29.8%	Yes	
Census Tract 11	4,980	3,465	69.6%	Yes		4,980	1,333	26.8%		No
Census Tract 69	68	26	38.2%		No	68	26	38.2%	Yes	
<b>TOTAL Jersey City</b>	<b>261,940</b>	<b>204,500</b>	<b>78.1%</b>	<b>62</b>	<b>5</b>	<b>259,184</b>	<b>86,955</b>	<b>33.5%</b>	<b>49</b>	<b>18</b>
<b>Kearny</b>										
Census Tract 123	2,454	1,673	68.2%	Yes		2,454	748	30.5%	Yes	
Census Tract 124	2,796	1,099	39.3%		No	2,775	232	8.4%		No
Census Tract 125	3,815	1,983	52.0%	Yes		3,770	714	18.9%		No
Census Tract 126	3,681	2,048	55.6%	Yes		3,681	1,022	27.8%	Yes	
Census Tract 127	6,350	3,844	60.5%	Yes		4,777	984	20.6%		No
Census Tract 128	4,805	3,375	70.2%	Yes		4,805	1,733	36.1%	Yes	
Census Tract 129	3,824	2,719	71.1%	Yes		3,705	1,333	36.0%	Yes	
Census Tract 130	4,038	3,448	85.4%	Yes		4,038	1,350	33.4%	Yes	
Census Tract 131	2,318	1,407	60.7%	Yes		2,318	900	38.8%	Yes	
Census Tract 132	4,279	2,969	69.4%	Yes		4,267	1,939	45.4%	Yes	
Census Tract 133	3,052	1,937	63.5%	Yes		2,946	658	22.3%		No
<b>TOTAL Kearny</b>	<b>41,412</b>	<b>26,502</b>	<b>64.0%</b>	<b>10</b>	<b>1</b>	<b>39,536</b>	<b>11,613</b>	<b>29.4%</b>	<b>7</b>	<b>4</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
North Bergen Township										
Census Tract 147	5,749	4,821	83.9%	Yes		5,749	2,053	35.7%	Yes	
Census Tract 148	6,104	4,609	75.5%	Yes		6,048	1,906	31.5%	Yes	
Census Tract 149	3,331	2,883	86.6%	Yes		3,327	911	27.4%	Yes	
Census Tract 140	5,032	4,093	81.3%	Yes		5,026	1,571	31.3%	Yes	
Census Tract 142	5,994	5,382	89.8%	Yes		5,994	1,848	30.8%	Yes	
Census Tract 143	4,980	4,095	82.2%	Yes		4,980	1,233	24.8%		No
Census Tract 144	7,752	6,269	80.9%	Yes		7,745	1,520	19.6%		No
Census Tract 145.01	6,230	5,395	86.6%	Yes		6,230	2,569	41.2%	Yes	
Census Tract 145.02	3,329	2,667	80.1%	Yes		3,329	2,359	70.9%	Yes	
Census Tract 146	3,820	2,922	76.5%	Yes		3,820	1,049	27.5%	Yes	
Census Tract 141.01	4,202	2,530	60.2%	Yes		3,641	610	16.8%		No
Census Tract 141.02	5,096	3,791	74.4%	Yes		5,096	622	12.2%		No
TOTAL North Bergen Township	61,619	49,457	80.3%	12	-	60,985	18,251	29.9%	8	4
Secaucus										
Census Tract 199	5,474	2,479	45.3%		No	5,474	1,020	18.6%		No
Census Tract 200	4,959	2,332	47.0%		No	4,442	860	19.4%		No
Census Tract 201	2,583	2,063	79.9%	Yes		2,583	502	19.4%		No
Census Tract 198	7,109	4,052	57.0%	Yes		7,066	785	11.1%		No
TOTAL Secaucus	20,125	10,926	54.3%	2	2	19,565	3,167	16.2%	-	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Union City										
Census Tract 161	3,960	3,298	83.3%	Yes		3,960	2,155	54.4%	Yes	
Census Tract 162	4,286	3,598	83.9%	Yes		4,286	2,249	52.5%	Yes	
Census Tract 163	4,517	3,883	86.0%	Yes		4,508	1,793	39.8%	Yes	
Census Tract 164	3,566	3,039	85.2%	Yes		3,566	1,457	40.9%	Yes	
Census Tract 165	4,989	4,231	84.8%	Yes		4,858	1,695	34.9%	Yes	
Census Tract 166	4,043	3,301	81.6%	Yes		3,983	2,033	51.0%	Yes	
Census Tract 167	1,590	1,272	80.0%	Yes		1,590	786	49.4%	Yes	
Census Tract 168	3,687	3,052	82.8%	Yes		3,662	1,705	46.6%	Yes	
Census Tract 169	2,992	2,270	75.9%	Yes		2,975	1,801	60.5%	Yes	
Census Tract 170	5,200	4,194	80.7%	Yes		4,976	2,778	55.8%	Yes	
Census Tract 171	5,017	4,363	87.0%	Yes		5,005	2,161	43.2%	Yes	
Census Tract 172	3,297	2,719	82.5%	Yes		3,286	1,500	45.6%	Yes	
Census Tract 173	2,520	1,749	69.4%	Yes		2,520	816	32.4%	Yes	
Census Tract 174	2,489	2,152	86.5%	Yes		2,489	1,251	50.3%	Yes	
Census Tract 175	4,520	4,088	90.4%	Yes		4,508	2,413	53.5%	Yes	
Census Tract 176	3,381	2,919	86.3%	Yes		3,354	1,807	53.9%	Yes	
Census Tract 177	1,758	1,386	78.8%	Yes		1,758	1,007	57.3%	Yes	
Census Tract 178	6,414	5,305	82.7%	Yes		6,414	1,920	29.9%	Yes	
TOTAL Union City	68,226	56,819	83.3%	18	-	67,698	31,327	46.3%	18	-
Weehawken Township										
Census Tract 179	3,526	1,580	44.8%		No	3,526	213	6.0%		No
Census Tract 180	3,942	2,377	60.3%	Yes		3,901	1,289	33.0%	Yes	
Census Tract 181	2,708	1,780	65.7%	Yes		2,708	764	28.2%	Yes	
Census Tract 182	4,428	1,974	44.6%		No	4,404	730	16.6%		No
TOTAL Weehawken Township	14,604	7,711	52.8%	2	2	14,539	2,996	20.6%	2	2

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
West New York										
Census Tract 152.01	2,939	1,662	56.5%	Yes		2,939	278	9.5%		No
Census Tract 152.02	6,325	5,292	83.7%	Yes		6,233	2,466	39.6%	Yes	
Census Tract 153	4,010	3,572	89.1%	Yes		4,010	1,606	40.0%	Yes	
Census Tract 156	4,572	4,152	90.8%	Yes		4,521	2,308	51.1%	Yes	
Census Tract 157	4,209	4,133	98.2%	Yes		4,208	2,126	50.5%	Yes	
Census Tract 158.01	2,982	1,630	54.7%	Yes		2,982	556	18.6%		No
Census Tract 155	4,946	4,454	90.1%	Yes		4,928	2,051	41.6%	Yes	
Census Tract 158.02	6,649	6,149	92.5%	Yes		6,633	3,528	53.2%	Yes	
Census Tract 159	6,054	5,340	88.2%	Yes		6,045	3,235	53.5%	Yes	
Census Tract 160	3,416	3,022	88.5%	Yes		3,416	1,351	39.5%	Yes	
Census Tract 324	6,560	5,921	90.3%	Yes		6,417	3,291	51.3%	Yes	
TOTAL West New York	52,662	45,327	86.1%	11	-	52,332	22,796	43.6%	9	2
TOTAL Hudson County	670,046	477,166	71.2%	140	26	661,581	216,908	32.8%	110	56

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Elizabeth										
Census Tract 302	3,170	3,105	97.9%	Yes		3,153	1,820	57.7%	Yes	
Census Tract 304	5,644	5,396	95.6%	Yes		5,644	3,448	61.1%	Yes	
Census Tract 305	5,083	4,671	91.9%	Yes		5,041	2,146	42.6%	Yes	
Census Tract 306	3,533	3,051	86.4%	Yes		3,533	1,562	44.2%	Yes	
Census Tract 307.01	1,874	1,410	75.2%	Yes		1,850	465	25.1%		No
Census Tract 307.02	7,851	7,186	91.5%	Yes		7,823	3,788	48.4%	Yes	
Census Tract 308.02	3,205	2,757	86.0%	Yes		3,019	1,091	36.1%	Yes	
Census Tract 309	6,193	5,539	89.4%	Yes		6,165	3,123	50.7%	Yes	
Census Tract 310	3,588	3,500	97.5%	Yes		3,588	1,890	52.7%	Yes	
Census Tract 311	5,899	5,422	91.9%	Yes		5,899	3,517	59.6%	Yes	
Census Tract 312	6,418	5,823	90.7%	Yes		6,195	3,346	54.0%	Yes	
Census Tract 313	7,031	5,936	84.4%	Yes		7,031	3,302	47.0%	Yes	
Census Tract 314	5,470	5,242	95.8%	Yes		5,452	2,750	50.4%	Yes	
Census Tract 315	5,465	3,962	72.5%	Yes		5,465	1,703	31.2%	Yes	
Census Tract 316.01	3,787	3,481	91.9%	Yes		3,787	1,990	52.5%	Yes	
Census Tract 316.02	5,260	4,420	84.0%	Yes		5,255	2,268	43.2%	Yes	
Census Tract 317	5,639	5,225	92.7%	Yes		5,626	2,640	46.9%	Yes	
Census Tract 318.01	5,255	4,733	90.1%	Yes		5,255	2,692	51.2%	Yes	
Census Tract 318.02	3,316	3,091	93.2%	Yes		3,230	1,492	46.2%	Yes	
Census Tract 319.03	6,629	5,984	90.3%	Yes		6,405	3,158	49.3%	Yes	
Census Tract 319.04	2,822	2,633	93.3%	Yes		2,822	1,452	51.5%	Yes	
Census Tract 320.01	7,741	7,019	90.7%	Yes		7,692	2,785	36.2%	Yes	
Census Tract 320.02	3,849	3,151	81.9%	Yes		3,638	1,080	29.7%	Yes	
Census Tract 321	6,977	4,330	62.1%	Yes		6,977	1,189	17.0%		No
Census Tract 399	1,747	1,550	88.7%	Yes		1,255	885	70.5%	Yes	
Census Tract 398	4,887	4,044	82.8%	Yes		4,694	2,966	63.2%	Yes	
TOTAL Elizabeth	128,333	112,661	87.8%	26	-	126,494	58,548	46.3%	24	2
Fanwood Borough										
Census Tract 387	7,660	1,647	21.5%		No	7,513	709	9.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
<b>TOTAL Fanwood Borough</b>	<b>7,660</b>	<b>1,647</b>	<b>21.5%</b>	-	1	<b>7,513</b>	<b>709</b>	<b>9.4%</b>	-	1
<b>Garwood Borough</b>										
Census Tract 369	4,338	916	21.1%		No	4,311	276	6.4%		No
<b>TOTAL Garwood Borough</b>	<b>4,338</b>	<b>916</b>	<b>21.1%</b>	-	1	<b>4,311</b>	<b>276</b>	<b>6.4%</b>	-	1
<b>Hillside Township</b>										
Census Tract 322	5,844	5,737	98.2%	Yes		5,793	1,331	23.0%		No
Census Tract 323	2,636	2,382	90.4%	Yes		2,624	428	16.3%		No
Census Tract 324	7,240	5,500	76.0%	Yes		7,196	1,821	25.3%		No
Census Tract 325	6,208	4,105	66.1%	Yes		6,208	1,239	20.0%		No
<b>TOTAL Hillside Township</b>	<b>21,928</b>	<b>17,724</b>	<b>80.8%</b>	4	-	<b>21,821</b>	<b>4,819</b>	<b>22.1%</b>	-	4
<b>Kenilworth Borough</b>										
Census Tract 336	8,161	3,307	40.5%		No	8,161	1,590	19.5%		No
<b>TOTAL Kenilworth Borough</b>	<b>8,161</b>	<b>3,307</b>	<b>40.5%</b>	-	1	<b>8,161</b>	<b>1,590</b>	<b>19.5%</b>	-	1
<b>Linden</b>										
Census Tract 349	6,064	3,387	55.9%	Yes		6,064	1,499	24.7%		No
Census Tract 350	3,087	1,966	63.7%	Yes		3,087	507	16.4%		No
Census Tract 347	4,029	3,016	74.9%	Yes		4,014	780	19.4%		No
Census Tract 348	4,801	2,264	47.2%		No	4,801	612	12.7%		No
Census Tract 351	4,169	3,195	76.6%	Yes		4,160	1,670	40.1%	Yes	
Census Tract 353	5,729	3,896	68.0%	Yes		5,530	1,332	24.1%		No
Census Tract 354	2,808	1,452	51.7%	Yes		2,736	634	23.2%		No
Census Tract 345	4,430	3,429	77.4%	Yes		4,430	1,328	30.0%	Yes	
Census Tract 346	4,524	4,318	95.4%	Yes		4,524	1,447	32.0%	Yes	
Census Tract 352	2,581	1,969	76.3%	Yes		2,581	519	20.1%		No
<b>TOTAL Linden</b>	<b>42,222</b>	<b>28,892</b>	<b>68.4%</b>	9	1	<b>41,927</b>	<b>10,328</b>	<b>24.6%</b>	3	7
<b>Mountainside Borough</b>										
Census Tract 383	6,826	1,332	19.5%		No	6,616	267	4.0%		No
<b>TOTAL Mountainside Borough</b>	<b>6,826</b>	<b>1,332</b>	<b>19.5%</b>	-	1	<b>6,616</b>	<b>267</b>	<b>4.0%</b>	-	1
<b>New Providence Borough</b>										
Census Tract 381.01	4,144	987	23.8%		No	4,139	107	2.6%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 381.02	8,905	2,554	28.7%		No	8,814	691	7.8%		No
<b>TOTAL New Providence Borough</b>	<b>13,049</b>	<b>3,541</b>	<b>27.1%</b>	<b>-</b>	<b>2</b>	<b>12,953</b>	<b>798</b>	<b>6.2%</b>	<b>-</b>	<b>2</b>
<b>Plainfield</b>										
Census Tract 393	6,378	6,270	98.3%	Yes		6,301	4,058	64.4%	Yes	
Census Tract 394	4,714	4,621	98.0%	Yes		4,689	2,192	46.7%	Yes	
Census Tract 395	5,748	5,592	97.3%	Yes		5,727	2,500	43.7%	Yes	
Census Tract 396	4,645	4,198	90.4%	Yes		4,631	2,400	51.8%	Yes	
Census Tract 389	5,893	5,527	93.8%	Yes		5,717	2,573	45.0%	Yes	
Census Tract 390	3,885	3,513	90.4%	Yes		3,774	1,532	40.6%	Yes	
Census Tract 391	3,163	1,923	60.8%	Yes		3,163	383	12.1%		No
Census Tract 392	5,726	5,023	87.7%	Yes		5,726	2,349	41.0%	Yes	
Census Tract 397	5,434	4,701	86.5%	Yes		5,186	1,763	34.0%	Yes	
Census Tract 388	4,776	4,505	94.3%	Yes		4,652	1,952	42.0%	Yes	
<b>TOTAL Plainfield</b>	<b>50,362</b>	<b>45,873</b>	<b>91.1%</b>	<b>10</b>	<b>-</b>	<b>49,566</b>	<b>21,702</b>	<b>43.8%</b>	<b>9</b>	<b>1</b>
<b>Rahway</b>										
Census Tract 355	7,085	4,605	65.0%	Yes		7,085	1,491	21.0%		No
Census Tract 356	3,692	1,275	34.5%		No	3,692	375	10.2%		No
Census Tract 357	5,698	3,375	59.2%	Yes		5,698	850	14.9%		No
Census Tract 358	3,861	3,166	82.0%	Yes		3,829	1,476	38.5%	Yes	
Census Tract 359	3,950	2,837	71.8%	Yes		3,950	820	20.8%		No
Census Tract 360	5,257	4,397	83.6%	Yes		5,143	851	16.5%		No
<b>TOTAL Rahway</b>	<b>29,543</b>	<b>19,655</b>	<b>66.5%</b>	<b>5</b>	<b>1</b>	<b>29,397</b>	<b>5,863</b>	<b>19.9%</b>	<b>1</b>	<b>5</b>
<b>Roselle Borough</b>										
Census Tract 340	6,076	5,158	84.9%	Yes		6,076	2,420	39.8%	Yes	
Census Tract 342	3,901	3,377	86.6%	Yes		3,882	1,217	31.3%	Yes	
Census Tract 343	3,828	3,160	82.5%	Yes		3,828	406	10.6%		No
Census Tract 344	4,523	4,338	95.9%	Yes		4,523	1,999	44.2%	Yes	
Census Tract 341	3,309	2,787	84.2%	Yes		3,303	1,183	35.8%	Yes	
<b>TOTAL Roselle Borough</b>	<b>21,637</b>	<b>18,820</b>	<b>87.0%</b>	<b>5</b>	<b>-</b>	<b>21,612</b>	<b>7,225</b>	<b>33.4%</b>	<b>4</b>	<b>1</b>

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Roselle Park Borough										
Census Tract 337	4,663	2,474	53.1%	Yes		4,656	767	16.5%		No
Census Tract 338	5,720	3,004	52.5%	Yes		5,702	890	15.6%		No
Census Tract 339	3,198	1,985	62.1%	Yes		3,198	948	29.6%	Yes	
TOTAL Roselle Park Borough	13,581	7,463	55.0%	3	-	13,556	2,605	19.2%	1	2
Scotch Plains Township										
Census Tract 386.01	8,021	1,986	24.8%		No	7,911	1,009	12.8%		No
Census Tract 386.02	4,137	1,124	27.2%		No	4,133	185	4.5%		No
Census Tract 384	6,272	2,564	40.9%		No	6,272	665	10.6%		No
Census Tract 385	5,775	1,292	22.4%		No	5,759	229	4.0%		No
TOTAL Scotch Plains Township	24,205	6,966	28.8%	-	4	24,075	2,088	8.7%	-	4
Springfield Township										
Census Tract 376.01	4,417	1,069	24.2%		No	4,417	392	8.9%		No
Census Tract 375	6,005	2,673	44.5%		No	6,005	1,042	17.4%		No
Census Tract 376.02	6,984	2,227	31.9%		No	6,983	941	13.5%		No
TOTAL Springfield Township	17,406	5,969	34.3%	-	3	17,405	2,375	13.6%	-	3
Summit										
Census Tract 377	4,780	880	18.4%		No	4,780	312	6.5%		No
Census Tract 378	5,854	1,823	31.1%		No	5,854	437	7.5%		No
Census Tract 379	5,476	1,064	19.4%		No	5,453	352	6.5%		No
Census Tract 380	5,803	3,051	52.6%	Yes		5,687	1,032	18.1%		No
TOTAL Summit	21,913	6,818	31.1%	1	3	21,774	2,133	9.8%	-	4

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Union Township										
Census Tract 326	5,376	4,751	88.4%	Yes		5,376	968	18.0%		No
Census Tract 327	8,242	5,623	68.2%	Yes		8,220	661	8.0%		No
Census Tract 328	4,894	4,485	91.6%	Yes		4,894	1,278	26.1%		No
Census Tract 329.01	4,052	2,355	58.1%	Yes		3,852	423	11.0%		No
Census Tract 329.02	5,063	2,088	41.2%		No	5,051	567	11.2%		No
Census Tract 330	4,480	2,464	55.0%	Yes		4,480	696	15.5%		No
Census Tract 331	6,081	4,218	69.4%	Yes		6,073	1,045	17.2%		No
Census Tract 332	3,784	2,244	59.3%	Yes		3,747	425	11.3%		No
Census Tract 333	4,318	2,458	56.9%	Yes		4,301	272	6.3%		No
Census Tract 334	3,548	1,436	40.5%		No	3,548	360	10.1%		No
Census Tract 335	8,459	4,588	54.2%	Yes		7,151	1,178	16.5%		No
TOTAL Union Township	58,297	36,710	63.0%	9	2	56,693	7,873	13.9%	-	11
Westfield										
Census Tract 368	7,486	1,472	19.7%		No	7,282	523	7.2%		No
Census Tract 364	6,936	961	13.9%		No	6,888	305	4.4%		No
Census Tract 365	5,720	851	14.9%		No	5,713	129	2.3%		No
Census Tract 366	4,126	1,685	40.8%		No	4,126	567	13.7%		No
Census Tract 367	5,609	1,426	25.4%		No	5,609	376	6.7%		No
TOTAL Westfield	29,877	6,395	21.4%	-	5	29,618	1,900	6.4%	-	5
Winfield Township										
Census Tract 361	1,623	362	22.3%		No	1,623	343	21.1%		No
TOTAL Winfield Township	1,623	362	22.3%	-	1	1,623	343	21.1%	-	1
TOTAL Union County	554,033	335,177	60.5%	72	36	547,480	135,584	24.8%	42	66

Table 17C-11

## Environmental Justice Populations: Union County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Union County, New Jersey										
Berkeley Heights Township										
Census Tract 382.02	7,060	1,268	18.0%		No	7,031	326	4.6%		No
Census Tract 382.01	6,250	1,842	29.5%		No	5,969	437	7.3%		No
TOTAL Berkeley Heights Township	13,310	3,110	23.4%	-	2	13,000	763	5.9%	-	2
Clark Township										
Census Tract 363.02	3,990	238	6.0%		No	3,990	381	9.5%		No
Census Tract 362	6,461	1,213	18.8%		No	6,448	755	11.7%		No
Census Tract 363.01	5,297	1,246	23.5%		No	5,164	445	8.6%		No
TOTAL Clark Township	15,748	2,697	17.1%	-	3	15,602	1,581	10.1%	-	3
Cranford Township										
Census Tract 370	5,985	1,042	17.4%		No	5,824	75	1.3%		No
Census Tract 371	4,306	268	6.2%		No	4,306	166	3.9%		No
Census Tract 372	4,496	1,127	25.1%		No	4,406	777	17.6%		No
Census Tract 373	4,563	774	17.0%		No	4,563	466	10.2%		No
Census Tract 374	4,664	1,108	23.8%		No	4,664	314	6.7%		No
TOTAL Cranford Township	24,014	4,319	18.0%	-	5	23,763	1,798	7.6%	-	5

## REGIONAL STUDY AREA NEIGHBORHOODS OUTSIDE LOCAL STUDY AREA

Table 17C-12

## Environmental Justice Populations: Fairfield County, CT

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Fairfield County, Connecticut										
Census Tract 103	3,780	631	16.7%		No	3,772	245	6.5%		No
Census Tract 104	5,799	1,192	20.6%		No	5,799	725	12.5%		No
Census Tract 105	5,880	2,787	47.4%	Yes		5,880	1,593	27.1%	Yes	
Census Tract 106	2,062	703	34.1%		No	2,050	409	20.0%		No
Census Tract 107	3,605	1,253	34.8%		No	3,605	1,117	31.0%	Yes	
Census Tract 108	3,551	825	23.2%		No	3,532	520	14.7%		No
Census Tract 112	1,716	450	26.2%		No	1,716	274	16.0%		No
Census Tract 113	3,416	2,113	61.9%	Yes		3,416	1,022	29.9%	Yes	
Census Tract 101.01	4,155	540	13.0%		No	3,884	437	11.3%		No
Census Tract 101.02	4,351	766	17.6%		No	4,337	237	5.5%		No
Census Tract 102.01	3,486	641	18.4%		No	3,304	290	8.8%		No
Census Tract 102.02	5,338	1,217	22.8%		No	5,314	553	10.4%		No
Census Tract 202	3,544	701	19.8%		No	3,544	183	5.2%		No
Census Tract 109	5,285	1,810	34.2%		No	5,285	290	5.5%		No
Census Tract 110	5,554	1,111	20.0%		No	5,544	310	5.6%		No
Census Tract 111	4,609	946	20.5%		No	4,609	508	11.0%		No
Census Tract 214	7,258	5,701	78.5%	Yes		7,224	3,244	44.9%	Yes	
Census Tract 215	6,470	5,778	89.3%	Yes		6,441	3,232	50.2%	Yes	
Census Tract 219	6,185	3,410	55.1%	Yes		6,185	955	15.4%		No
Census Tract 221	8,149	5,883	72.2%	Yes		7,946	3,574	45.0%	Yes	
Census Tract 222	6,568	3,791	57.7%	Yes		6,560	2,237	34.1%	Yes	
Census Tract 223	5,264	4,033	76.6%	Yes		5,264	2,009	38.2%	Yes	
Census Tract 224	2,144	272	12.7%		No	2,144	112	5.2%		No
Census Tract 201	5,436	2,804	51.6%	Yes		5,436	1,753	32.2%	Yes	
Census Tract 203	6,990	1,339	19.2%		No	6,856	347	5.1%		No
Census Tract 204	3,554	1,024	28.8%		No	3,554	215	6.0%		No
Census Tract 205	4,886	997	20.4%		No	4,722	202	4.3%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 206	5,199	1,688	32.5%		No	5,199	168	3.2%		No
Census Tract 207	4,079	781	19.1%		No	4,079	326	8.0%		No
Census Tract 208	2,659	552	20.8%		No	2,617	91	3.5%		No
Census Tract 209	4,694	2,166	46.1%	Yes		4,678	1,336	28.6%	Yes	
Census Tract 210	3,327	858	25.8%		No	3,297	380	11.5%		No
Census Tract 211	6,516	3,466	53.2%	Yes		6,516	1,491	22.9%		No
Census Tract 212	4,221	1,371	32.5%		No	4,212	475	11.3%		No
Census Tract 213	4,349	2,130	49.0%	Yes		4,348	404	9.3%		No
Census Tract 216	7,606	4,835	63.6%	Yes		7,606	2,511	33.0%	Yes	
Census Tract 217	7,430	4,190	56.4%	Yes		7,430	1,677	22.6%		No
Census Tract 218.01	4,600	2,392	52.0%	Yes		4,574	1,234	27.0%	Yes	
Census Tract 218.02	5,267	3,734	70.9%	Yes		5,114	1,689	33.0%	Yes	
Census Tract 220	2,914	1,655	56.8%	Yes		2,914	777	26.7%		No
Census Tract 301	3,622	337	9.3%		No	3,622	84	2.3%		No
Census Tract 302	3,594	456	12.7%		No	3,594	175	4.9%		No
Census Tract 303	4,290	291	6.8%		No	4,290	81	1.9%		No
Census Tract 304	4,262	643	15.1%		No	4,262	390	9.2%		No
Census Tract 305	5,974	958	16.0%		No	5,974	675	11.3%		No
Census Tract 351	7,698	1,366	17.7%		No	7,662	940	12.3%		No
Census Tract 353	4,124	668	16.2%		No	4,107	288	7.0%		No
Census Tract 429	1,551	205	13.2%		No	1,551	124	8.0%		No
Census Tract 430	2,905	1,055	36.3%		No	2,905	634	21.8%		No
Census Tract 431	4,620	1,564	33.9%		No	4,609	526	11.4%		No
Census Tract 432	3,206	1,797	56.1%	Yes		3,206	1,148	35.8%	Yes	
Census Tract 433	2,941	1,820	61.9%	Yes		2,941	394	13.4%		No
Census Tract 438	7,000	4,658	66.5%	Yes		6,845	1,957	28.6%	Yes	
Census Tract 439	6,325	3,603	57.0%	Yes		6,325	1,329	21.0%		No
Census Tract 440	5,927	4,436	74.8%	Yes		5,927	2,442	41.2%	Yes	
Census Tract 445	4,055	3,679	90.7%	Yes		4,046	2,394	59.2%	Yes	
Census Tract 446	3,753	311	8.3%		No	3,727	359	9.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 352	3,080	310	10.1%		No	3,080	179	5.8%		No
Census Tract 354	5,374	424	7.9%		No	5,352	301	5.6%		No
Census Tract 451.01	4,043	481	11.9%		No	4,043	114	2.8%		No
Census Tract 451.02	6,215	965	15.5%		No	6,059	766	12.6%		No
Census Tract 452	2,481	362	14.6%		No	2,449	192	7.8%		No
Census Tract 453	2,517	346	13.7%		No	2,477	44	1.8%		No
Census Tract 2454	3,027	105	3.5%		No	3,027	162	5.4%		No
Census Tract 425	3,986	857	21.5%		No	3,986	358	9.0%		No
Census Tract 426	4,020	1,478	36.8%		No	4,001	574	14.3%		No
Census Tract 427	5,210	1,858	35.7%		No	5,114	592	11.6%		No
Census Tract 428	4,741	1,393	29.4%		No	4,664	685	14.7%		No
Census Tract 434	4,339	2,524	58.2%	Yes		4,295	1,015	23.6%		No
Census Tract 435	2,437	703	28.8%		No	2,437	342	14.0%		No
Census Tract 436	3,084	1,078	35.0%		No	3,084	478	15.5%		No
Census Tract 437	2,593	1,564	60.3%	Yes		2,552	778	30.5%	Yes	
Census Tract 441	3,348	2,251	67.2%	Yes		3,348	1,392	41.6%	Yes	
Census Tract 442	4,080	2,266	55.5%	Yes		4,080	1,207	29.6%	Yes	
Census Tract 443	4,460	1,679	37.6%		No	4,460	1,191	26.7%		No
Census Tract 444	4,018	2,781	69.2%	Yes		3,978	1,928	48.5%	Yes	
Census Tract 502	3,853	733	19.0%		No	3,849	227	5.9%		No
Census Tract 505	5,095	564	11.1%		No	5,095	693	13.6%		No
Census Tract 606	2,306	310	13.4%		No	2,306	262	11.4%		No
Census Tract 616	5,421	524	9.7%		No	5,421	763	14.1%		No
Census Tract 506	3,405	399	11.7%		No	3,394	235	6.9%		No
Census Tract 603	3,958	251	6.3%		No	3,958	351	8.9%		No
Census Tract 604	4,520	261	5.8%		No	4,520	95	2.1%		No
Census Tract 605	2,762	231	8.4%		No	2,655	120	4.5%		No
Census Tract 607	7,982	1,003	12.6%		No	5,195	238	4.6%		No
Census Tract 1051	3,992	167	4.2%		No	3,981	138	3.5%		No
Census Tract 454	3,207	581	18.1%		No	3,207	184	5.7%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 501	4,478	444	9.9%		No	4,457	290	6.5%		No
Census Tract 503	8,836	1,475	16.7%		No	8,792	485	5.5%		No
Census Tract 551	5,582	1,242	22.3%		No	5,562	492	8.8%		No
Census Tract 552	4,705	488	10.4%		No	4,705	344	7.3%		No
Census Tract 615	4,836	830	17.2%		No	4,836	492	10.2%		No
Census Tract 701	4,966	1,330	26.8%		No	4,966	1,218	24.5%		No
Census Tract 704	1,480	850	57.4%	Yes		826	282	34.1%	Yes	
Census Tract 601	4,414	715	16.2%		No	2,679	401	15.0%		No
Census Tract 602	4,361	832	19.1%		No	4,361	587	13.5%		No
Census Tract 608	2,109	227	10.8%		No	2,109	131	6.2%		No
Census Tract 609	2,648	252	9.5%		No	2,639	185	7.0%		No
Census Tract 610	3,889	796	20.5%		No	3,889	796	20.5%		No
Census Tract 611	3,842	357	9.3%		No	3,842	220	5.7%		No
Census Tract 612	2,504	968	38.7%	Yes		2,504	654	26.1%		No
Census Tract 613	3,109	1,010	32.5%		No	3,109	670	21.6%		No
Census Tract 614	3,079	1,156	37.5%		No	3,079	732	23.8%		No
Census Tract 702	3,880	2,996	77.2%	Yes		3,880	1,367	35.2%	Yes	
Census Tract 703	1,388	1,356	97.7%	Yes		1,388	1,311	94.5%	Yes	
Census Tract 705	1,855	1,522	82.0%	Yes		1,855	1,150	62.0%	Yes	
Census Tract 706	2,556	2,066	80.8%	Yes		2,242	1,236	55.1%	Yes	
Census Tract 709	2,886	2,721	94.3%	Yes		2,799	1,877	67.1%	Yes	
Census Tract 710	3,446	3,285	95.3%	Yes		3,446	1,783	51.7%	Yes	
Census Tract 711	4,939	4,522	91.6%	Yes		4,907	2,618	53.4%	Yes	
Census Tract 712	5,508	5,214	94.7%	Yes		5,462	3,454	63.2%	Yes	
Census Tract 713	2,699	2,420	89.7%	Yes		2,687	1,611	60.0%	Yes	
Census Tract 714	3,632	2,979	82.0%	Yes		3,615	2,170	60.0%	Yes	
Census Tract 716	2,607	2,316	88.8%	Yes		2,607	1,951	74.8%	Yes	
Census Tract 719	4,949	3,851	77.8%	Yes		4,173	2,133	51.1%	Yes	
Census Tract 720	3,518	2,949	83.8%	Yes		3,507	1,448	41.3%	Yes	
Census Tract 721	5,224	3,036	58.1%	Yes		5,224	1,440	27.6%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 722	3,884	1,896	48.8%	Yes		3,836	1,419	37.0%	Yes	
Census Tract 723	5,630	3,869	68.7%	Yes		5,427	1,747	32.2%	Yes	
Census Tract 724	3,023	2,537	83.9%	Yes		3,023	1,303	43.1%	Yes	
Census Tract 725	5,671	3,964	69.9%	Yes		5,671	1,788	31.5%	Yes	
Census Tract 726	7,335	3,392	46.2%	Yes		6,102	1,192	19.5%		No
Census Tract 727	3,883	2,640	68.0%	Yes		3,813	1,441	37.8%	Yes	
Census Tract 728	5,608	5,351	95.4%	Yes		5,608	2,389	42.6%	Yes	
Census Tract 729	4,546	3,972	87.4%	Yes		4,503	1,205	26.8%		No
Census Tract 730	2,104	1,778	84.5%	Yes		2,104	393	18.7%		No
Census Tract 734	4,025	3,670	91.2%	Yes		3,998	1,646	41.2%	Yes	
Census Tract 735	3,432	3,377	98.4%	Yes		3,432	2,022	58.9%	Yes	
Census Tract 736	2,423	2,332	96.2%	Yes		2,411	1,548	64.2%	Yes	
Census Tract 738	2,195	2,110	96.1%	Yes		2,137	1,605	75.1%	Yes	
Census Tract 739	3,872	3,653	94.3%	Yes		3,872	1,806	46.6%	Yes	
Census Tract 740	2,137	2,053	96.1%	Yes		2,137	1,402	65.6%	Yes	
Census Tract 903	4,611	723	15.7%		No	4,548	461	10.1%		No
Census Tract 904	6,518	2,194	33.7%		No	6,358	210	3.3%		No
Census Tract 906	3,260	535	16.4%		No	3,260	360	11.0%		No
Census Tract 2572	4,096	3,223	78.7%	Yes		4,091	1,857	45.4%	Yes	
Census Tract 731	6,074	4,591	75.6%	Yes		5,658	2,679	47.3%	Yes	
Census Tract 732	2,695	2,213	82.1%	Yes		2,695	1,218	45.2%	Yes	
Census Tract 733	3,568	3,177	89.0%	Yes		3,568	1,742	48.8%	Yes	
Census Tract 737	4,391	3,933	89.6%	Yes		4,218	2,584	61.3%	Yes	
Census Tract 743	4,978	4,855	97.5%	Yes		4,952	2,710	54.7%	Yes	
Census Tract 744	4,536	4,386	96.7%	Yes		4,519	2,587	57.2%	Yes	
Census Tract 801	5,194	3,364	64.8%	Yes		5,194	1,492	28.7%	Yes	
Census Tract 802	4,263	2,741	64.3%	Yes		4,263	1,378	32.3%	Yes	
Census Tract 804	6,313	5,148	81.5%	Yes		6,295	2,030	32.2%	Yes	
Census Tract 805	3,029	177	5.8%		No	3,029	532	17.6%		No
Census Tract 806	2,638	1,158	43.9%	Yes		2,598	562	21.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 807	1,993	452	22.7%		No	1,980	341	17.2%		No
Census Tract 808	4,547	1,035	22.8%		No	4,519	770	17.0%		No
Census Tract 809	5,043	1,819	36.1%		No	5,043	407	8.1%		No
Census Tract 810	4,103	1,078	26.3%		No	4,088	769	18.8%		No
Census Tract 811	4,891	657	13.4%		No	4,786	509	10.6%		No
Census Tract 812	4,940	1,169	23.7%		No	4,940	417	8.4%		No
Census Tract 813	5,166	1,097	21.2%		No	4,887	487	10.0%		No
Census Tract 905	4,760	823	17.3%		No	4,755	475	10.0%		No
Census Tract 2001	3,695	804	21.8%		No	3,666	588	16.0%		No
Census Tract 2105	8,548	2,985	34.9%		No	8,548	1,454	17.0%		No
Census Tract 2401	4,603	155	3.4%		No	4,478	499	11.1%		No
Census Tract 2451	2,889	238	8.2%		No	2,889	104	3.6%		No
Census Tract 2452	4,490	802	17.9%		No	4,365	249	5.7%		No
Census Tract 2453	5,002	607	12.1%		No	5,002	722	14.4%		No
Census Tract 2455	3,040	636	20.9%		No	3,040	100	3.3%		No
Census Tract 2456	6,594	669	10.1%		No	6,594	699	10.6%		No
Census Tract 2101	5,648	3,895	69.0%	Yes		5,578	2,535	45.4%	Yes	
Census Tract 2102	6,355	4,348	68.4%	Yes		5,870	2,557	43.6%	Yes	
Census Tract 2103	5,845	3,699	63.3%	Yes		5,644	1,602	28.4%	Yes	
Census Tract 2104	9,475	5,521	58.3%	Yes		9,475	1,688	17.8%		No
Census Tract 2106	5,989	3,351	56.0%	Yes		5,834	1,756	30.1%	Yes	
Census Tract 2107.01	5,840	3,963	67.9%	Yes		5,655	2,607	46.1%	Yes	
Census Tract 2107.02	4,642	2,899	62.5%	Yes		4,634	1,833	39.6%	Yes	
Census Tract 2108	5,618	1,963	34.9%		No	4,538	672	14.8%		No
Census Tract 2109	5,304	1,343	25.3%		No	5,286	657	12.4%		No
Census Tract 2110	4,641	2,183	47.0%	Yes		4,500	1,013	22.5%		No
Census Tract 2111	963	613	63.7%	Yes		26	-	0.0%		No
Census Tract 2112	6,696	2,879	43.0%	Yes		6,649	1,455	21.9%		No
Census Tract 2113	3,981	1,004	25.2%		No	3,981	391	9.8%		No
Census Tract 2114	5,074	1,871	36.9%		No	5,074	751	14.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1001	5,656	909	16.1%		No	5,656	670	11.8%		No
Census Tract 1052	3,551	403	11.3%		No	3,551	249	7.0%		No
Census Tract 2304	6,023	772	12.8%		No	5,984	340	5.7%		No
Census Tract 2002	5,223	1,460	28.0%		No	4,982	1,707	34.3%	Yes	
Census Tract 2003.01	5,236	1,031	19.7%		No	5,073	267	5.3%		No
Census Tract 2003.02	5,509	487	8.8%		No	5,486	320	5.8%		No
Census Tract 2053	5,771	1,210	21.0%		No	5,716	801	14.0%		No
Census Tract 2301	7,181	603	8.4%		No	7,181	280	3.9%		No
Census Tract 2302	1,879	156	8.3%		No	1,879	135	7.2%		No
Census Tract 2303	3,575	260	7.3%		No	3,575	332	9.3%		No
Census Tract 2402	4,573	506	11.1%		No	4,573	388	8.5%		No
Census Tract 2051	4,304	556	12.9%		No	4,278	480	11.2%		No
Census Tract 2201	5,381	605	11.2%		No	5,381	782	14.5%		No
Census Tract 2202	5,063	742	14.7%		No	4,980	495	9.9%		No
Census Tract 2203	3,511	399	11.4%		No	3,498	233	6.7%		No
Census Tract 2571	3,649	301	8.2%		No	3,649	315	8.6%		No
Census Tract 2052	6,941	608	8.8%		No	6,941	523	7.5%		No
Census Tract 901	3,361	317	9.4%		No	3,329	119	3.6%		No
Census Tract 902	8,029	1,651	20.6%		No	8,029	493	6.1%		No
Census Tract 907	5,437	1,103	20.3%		No	5,437	918	16.9%		No
Census Tract 1002	7,233	1,146	15.8%		No	7,215	562	7.8%		No
Census Tract 1003	6,657	864	13.0%		No	6,657	626	9.4%		No
Census Tract 1101	2,931	870	29.7%		No	2,796	1,158	41.4%	Yes	
Census Tract 1102.02	4,755	672	14.1%		No	4,466	489	10.9%		No
Census Tract 1103.01	6,586	1,131	17.2%		No	6,462	1,087	16.8%		No
Census Tract 1103.02	3,348	597	17.8%		No	3,348	191	5.7%		No
Census Tract 1104	4,830	494	10.2%		No	4,830	215	4.5%		No
Census Tract 1105	5,528	540	9.8%		No	5,528	300	5.4%		No
Census Tract 1106	8,313	1,342	16.1%		No	8,312	790	9.5%		No
Census Tract 2305.01	4,113	456	11.1%		No	4,113	216	5.3%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 2305.02	5,051	947	18.7%		No	4,476	322	7.2%		No
Census Tract 1102.01	4,850	1,052	21.7%		No	4,850	1,138	23.5%		No
Census Tract 504	2,349	310	13.2%		No	2,235	140	6.3%		No
<b><i>TOTAL Fairfield County</i></b>	<b>943,926</b>	<b>361,107</b>	<b>38.3%</b>	<b>80</b>	<b>130</b>	<b>926,424</b>	<b>192,720</b>	<b>20.8%</b>	<b>66</b>	<b>144</b>

Table 17C-13

## Environmental Justice Populations: New Haven County, CT

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
New Haven County, Connecticut										
Census Tract 1503	3,937	1,004	25.5%		No	3,892	761	19.6%		No
Census Tract 1505	4,514	744	16.5%		No	4,514	662	14.7%		No
Census Tract 1501	4,791	617	12.9%		No	4,791	526	11.0%		No
Census Tract 1502	3,315	810	24.4%		No	3,189	536	16.8%		No
Census Tract 1504	4,084	936	22.9%		No	4,084	948	23.2%		No
Census Tract 1506	7,131	1,506	21.1%		No	7,131	575	8.1%		No
Census Tract 1507	4,524	684	15.1%		No	4,517	564	12.5%		No
Census Tract 1508	3,951	852	21.6%		No	3,846	445	11.6%		No
Census Tract 1509	3,787	389	10.3%		No	3,775	510	13.5%		No
Census Tract 1510	4,158	381	9.2%		No	4,035	563	14.0%		No
Census Tract 1511	6,865	1,015	14.8%		No	6,865	983	14.3%		No
Census Tract 1512	3,271	463	14.2%		No	3,232	508	15.7%		No
Census Tract 1547	6,663	1,324	19.9%		No	6,642	1,125	16.9%		No
Census Tract 1548	5,009	952	19.0%		No	4,946	457	9.2%		No
Census Tract 1551	3,009	1,153	38.3%		No	3,009	1,006	33.4%	Yes	
Census Tract 1801	7,121	1,653	23.2%		No	7,016	1,798	25.6%		No
Census Tract 1843	4,455	520	11.7%		No	4,267	728	17.1%		No
Census Tract 1844	3,358	277	8.2%		No	3,358	348	10.4%		No
Census Tract 3481.11	2,647	191	7.2%		No	2,601	440	16.9%		No
Census Tract 1202	6,248	3,076	49.2%	Yes		6,144	2,659	43.3%	Yes	
Census Tract 1253	4,759	2,200	46.2%	Yes		4,719	1,550	32.8%	Yes	
Census Tract 1302	8,334	2,202	26.4%		No	8,294	1,652	19.9%		No
Census Tract 3461.01	6,928	615	8.9%		No	6,928	980	14.1%		No
Census Tract 3461.02	6,158	864	14.0%		No	6,141	628	10.2%		No
Census Tract 3481.23	5,970	892	14.9%		No	5,970	429	7.2%		No
Census Tract 1201	6,237	1,435	23.0%		No	6,108	1,124	18.4%		No
Census Tract 1251	4,864	749	15.4%		No	4,854	434	8.9%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1252	5,686	2,686	47.2%	Yes		5,686	2,050	36.1%	Yes	
Census Tract 1254	3,493	1,647	47.2%	Yes		3,493	1,409	40.3%	Yes	
Census Tract 1301.01	5,231	869	16.6%		No	5,083	994	19.6%		No
Census Tract 1301.02	2,943	545	18.5%		No	2,943	603	20.5%		No
Census Tract 1401	3,519	1,775	50.4%	Yes		3,474	865	24.9%		No
Census Tract 1403	2,539	2,106	82.9%	Yes		2,298	1,563	68.0%	Yes	
Census Tract 1404	3,433	2,797	81.5%	Yes		3,410	1,911	56.0%	Yes	
Census Tract 1405	3,581	3,089	86.3%	Yes		3,581	2,395	66.9%	Yes	
Census Tract 1406	5,068	4,373	86.3%	Yes		4,783	2,967	62.0%	Yes	
Census Tract 1407	3,874	2,872	74.1%	Yes		3,874	2,369	61.2%	Yes	
Census Tract 1408	3,798	3,393	89.3%	Yes		3,662	2,305	62.9%	Yes	
Census Tract 1409	4,733	3,411	72.1%	Yes		4,711	2,483	52.7%	Yes	
Census Tract 1410	3,966	1,650	41.6%	Yes		3,966	585	14.8%		No
Census Tract 1411	2,679	1,470	54.9%	Yes		2,679	344	12.8%		No
Census Tract 1412	4,730	3,714	78.5%	Yes		4,730	2,205	46.6%	Yes	
Census Tract 1413	6,685	4,026	60.2%	Yes		4,601	2,471	53.7%	Yes	
Census Tract 1414	4,943	3,991	80.7%	Yes		4,936	2,199	44.6%	Yes	
Census Tract 1415	7,304	7,101	97.2%	Yes		7,304	5,182	70.9%	Yes	
Census Tract 1416	5,149	4,262	82.8%	Yes		4,338	2,355	54.3%	Yes	
Census Tract 1418	4,339	2,470	56.9%	Yes		3,997	1,681	42.1%	Yes	
Census Tract 1541	8,089	5,490	67.9%	Yes		8,089	2,663	32.9%	Yes	
Census Tract 1542	6,413	4,467	69.7%	Yes		6,413	2,533	39.5%	Yes	
Census Tract 1545	4,295	2,119	49.3%	Yes		4,295	1,745	40.6%	Yes	
Census Tract 1546	4,647	2,376	51.1%	Yes		4,021	1,324	32.9%	Yes	
Census Tract 1549	3,860	1,547	40.1%		No	3,778	1,035	27.4%	Yes	
Census Tract 1550	5,145	2,742	53.3%	Yes		5,145	1,329	25.8%		No
Census Tract 1571	2,480	597	24.1%		No	2,419	433	17.9%		No
Census Tract 1572	3,921	389	9.9%		No	3,921	170	4.3%		No
Census Tract 1573	3,361	460	13.7%		No	3,361	272	8.1%		No
Census Tract 1574	4,172	527	12.6%		No	4,172	360	8.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1601	3,252	824	25.3%		No	3,252	210	6.5%		No
Census Tract 1602	5,575	1,427	25.6%		No	5,474	448	8.2%		No
Census Tract 1611	5,513	1,026	18.6%		No	5,492	445	8.1%		No
Census Tract 1654	4,735	1,556	32.9%		No	4,616	865	18.7%		No
Census Tract 1655	4,733	3,930	83.0%	Yes		4,733	1,746	36.9%	Yes	
Census Tract 1656	5,518	3,875	70.2%	Yes		5,518	1,353	24.5%		No
Census Tract 1657	4,819	3,143	65.2%	Yes		4,317	919	21.3%		No
Census Tract 1658.01	5,883	3,504	59.6%	Yes		5,883	1,195	20.3%		No
Census Tract 1658.02	4,280	1,894	44.3%	Yes		4,280	716	16.7%		No
Census Tract 1659	7,961	2,009	25.2%		No	6,908	625	9.0%		No
Census Tract 3411	6,168	519	8.4%		No	6,144	743	12.1%		No
Census Tract 3614.01	3,787	1,795	47.4%	Yes		2,179	1,190	54.6%	Yes	
Census Tract 3614.02	2,749	1,278	46.5%	Yes		286	103	36.0%	Yes	
Census Tract 3615	7,633	5,044	66.1%	Yes		5,296	1,816	34.3%	Yes	
Census Tract 3441	4,937	455	9.2%		No	4,912	530	10.8%		No
Census Tract 3442	2,802	350	12.5%		No	2,802	120	4.3%		No
Census Tract 3481.22	4,173	392	9.4%		No	4,159	291	7.0%		No
Census Tract 3481.24	2,489	132	5.3%		No	2,337	355	15.2%		No
Census Tract 3481.25	4,402	392	8.9%		No	4,381	1,067	24.4%		No
Census Tract 3432	5,735	717	12.5%		No	5,735	344	6.0%		No
Census Tract 3434	6,517	1,206	18.5%		No	6,517	584	9.0%		No
Census Tract 3451	7,355	1,924	26.2%		No	7,355	1,820	24.7%		No
Census Tract 3452.01	7,492	1,730	23.1%		No	7,244	1,408	19.4%		No
Census Tract 3452.02	4,168	1,169	28.0%		No	4,144	407	9.8%		No
Census Tract 3453	6,006	2,195	36.5%		No	5,968	1,349	22.6%		No
Census Tract 3454	6,326	1,764	27.9%		No	6,287	1,282	20.4%		No
Census Tract 3471	5,827	676	11.6%		No	5,688	832	14.6%		No
Census Tract 3472	3,878	543	14.0%		No	3,878	234	6.0%		No
Census Tract 3501	3,809	2,847	74.7%	Yes		3,456	2,983	86.3%	Yes	
Census Tract 3502	2,884	2,666	92.4%	Yes		2,884	2,007	69.6%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 3503	1,873	1,699	90.7%	Yes		1,873	1,165	62.2%	Yes	
Census Tract 3504	2,346	1,992	84.9%	Yes		2,285	1,771	77.5%	Yes	
Census Tract 3505	2,279	1,939	85.1%	Yes		2,279	1,644	72.1%	Yes	
Census Tract 3508	5,989	4,226	70.6%	Yes		5,781	3,353	58.0%	Yes	
Census Tract 3512	4,001	3,109	77.7%	Yes		3,906	2,057	52.7%	Yes	
Census Tract 3513	5,420	3,430	63.3%	Yes		5,393	2,234	41.4%	Yes	
Census Tract 3514	4,229	3,243	76.7%	Yes		4,197	2,571	61.3%	Yes	
Census Tract 3515	4,951	2,846	57.5%	Yes		4,932	2,096	42.5%	Yes	
Census Tract 3516.01	3,066	1,231	40.2%		No	3,056	1,183	38.7%	Yes	
Census Tract 3516.02	7,595	3,266	43.0%	Yes		7,595	2,446	32.2%	Yes	
Census Tract 3517	3,100	2,152	69.4%	Yes		3,092	2,138	69.1%	Yes	
Census Tract 3518	3,809	1,463	38.4%		No	3,761	1,177	31.3%	Yes	
Census Tract 3519	2,235	698	31.2%		No	1,856	320	17.2%		No
Census Tract 3520	4,579	1,657	36.2%		No	4,534	1,211	26.7%		No
Census Tract 3526	5,067	2,775	54.8%	Yes		4,974	2,167	43.6%	Yes	
Census Tract 3527.01	3,007	1,705	56.7%	Yes		2,937	1,003	34.2%	Yes	
Census Tract 3527.02	5,206	2,641	50.7%	Yes		5,093	959	18.8%		No
Census Tract 3528	6,241	3,526	56.5%	Yes		6,165	2,467	40.0%	Yes	
Census Tract 3509	2,219	1,429	64.4%	Yes		2,199	776	35.3%	Yes	
Census Tract 3510	3,883	2,941	75.7%	Yes		3,883	1,256	32.3%	Yes	
Census Tract 3511	3,788	2,972	78.5%	Yes		3,778	2,058	54.5%	Yes	
Census Tract 3521	4,259	2,397	56.3%	Yes		4,202	1,595	38.0%	Yes	
Census Tract 3522	2,711	2,042	75.3%	Yes		2,651	1,744	65.8%	Yes	
Census Tract 3523	2,621	1,717	65.5%	Yes		2,621	1,387	52.9%	Yes	
Census Tract 3524	3,777	2,765	73.2%	Yes		3,683	1,892	51.4%	Yes	
Census Tract 3525	3,332	1,966	59.0%	Yes		3,332	1,259	37.8%	Yes	
Census Tract 3611	6,647	628	9.4%		No	6,641	1,076	16.2%		No
Census Tract 3612	5,643	1,089	19.3%		No	5,638	533	9.5%		No
Census Tract 3613	4,325	254	5.9%		No	4,198	338	8.1%		No
Census Tract 1846	2,730	29	1.1%		No	2,730	218	8.0%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1402	642	435	67.8%	Yes		642	538	83.8%	Yes	
Census Tract 1419	5,451	1,833	33.6%		No	5,451	1,768	32.4%	Yes	
Census Tract 1420	3,033	1,051	34.7%		No	3,026	1,118	36.9%	Yes	
Census Tract 1421	1,503	996	66.3%	Yes		1,503	835	55.6%	Yes	
Census Tract 1422	1,507	442	29.3%		No	1,476	378	25.6%		No
Census Tract 1423	5,460	4,940	90.5%	Yes		5,460	3,033	55.5%	Yes	
Census Tract 1424	6,003	5,404	90.0%	Yes		5,975	3,959	66.3%	Yes	
Census Tract 1425	5,891	4,466	75.8%	Yes		5,737	2,826	49.3%	Yes	
Census Tract 1426.01	5,860	4,738	80.9%	Yes		5,828	1,941	33.3%	Yes	
Census Tract 1426.03	4,104	3,096	75.4%	Yes		4,086	2,778	68.0%	Yes	
Census Tract 1426.04	2,620	1,686	64.4%	Yes		2,468	752	30.5%	Yes	
Census Tract 1427	7,296	6,051	82.9%	Yes		7,208	2,929	40.6%	Yes	
Census Tract 1428	4,085	1,149	28.1%		No	4,075	758	18.6%		No
Census Tract 1651	4,198	2,205	52.5%	Yes		4,170	833	20.0%		No
Census Tract 1652	2,431	414	17.0%		No	2,422	208	8.6%		No
Census Tract 1672.01	4,356	582	13.4%		No	4,356	513	11.8%		No
Census Tract 1802	5,749	2,281	39.7%		No	5,749	1,458	25.4%		No
Census Tract 1803	2,207	499	22.6%		No	2,172	681	31.4%	Yes	
Census Tract 1804	2,666	770	28.9%		No	2,548	466	18.3%		No
Census Tract 1805	4,603	1,713	37.2%		No	4,603	719	15.6%		No
Census Tract 1806.01	2,839	244	8.6%		No	2,831	612	21.6%		No
Census Tract 1806.02	3,557	294	8.3%		No	3,549	503	14.2%		No
Census Tract 1841	4,990	533	10.7%		No	4,990	1,028	20.6%		No
Census Tract 1842	4,110	1,270	30.9%		No	4,110	1,323	32.2%	Yes	
Census Tract 1845	2,569	147	5.7%		No	2,569	311	12.1%		No
Census Tract 1847	5,808	1,045	18.0%		No	5,799	777	13.4%		No
Census Tract 1861	7,159	508	7.1%		No	7,117	830	11.7%		No
Census Tract 1760	5,683	406	7.1%		No	5,683	458	8.1%		No
Census Tract 1862	7,032	648	9.2%		No	7,032	465	6.6%		No
Census Tract 1653	2,195	433	19.7%		No	2,195	143	6.5%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1660.01	6,862	2,358	34.4%		No	6,845	1,445	21.1%		No
Census Tract 1660.02	7,367	1,729	23.5%		No	3,546	608	17.1%		No
Census Tract 1671	8,056	1,626	20.2%		No	8,056	768	9.5%		No
Census Tract 1672.02	4,551	836	18.4%		No	4,512	897	19.9%		No
Census Tract 1673	6,759	874	12.9%		No	6,568	965	14.7%		No
Census Tract 1751	3,247	878	27.0%		No	3,024	717	23.7%		No
Census Tract 1752	2,465	450	18.3%		No	2,465	660	26.8%		No
Census Tract 1753	4,236	1,031	24.3%		No	4,236	466	11.0%		No
Census Tract 1754	4,624	1,535	33.2%		No	4,624	813	17.6%		No
Census Tract 1755	7,426	534	7.2%		No	6,943	726	10.5%		No
Census Tract 1759	5,121	699	13.6%		No	4,848	513	10.6%		No
Census Tract 1901	3,335	462	13.9%		No	3,237	664	20.5%		No
Census Tract 1902	3,605	453	12.6%		No	3,605	231	6.4%		No
Census Tract 1903.01	6,717	862	12.8%		No	6,717	676	10.1%		No
Census Tract 1903.02	5,235	548	10.5%		No	5,159	329	6.4%		No
Census Tract 1903.03	3,324	276	8.3%		No	3,324	463	13.9%		No
Census Tract 1941	4,930	154	3.1%		No	4,891	616	12.6%		No
Census Tract 1942.01	7,687	843	11.0%		No	7,545	345	4.6%		No
Census Tract 1942.02	5,496	606	11.0%		No	5,491	378	6.9%		No
Census Tract 1712	8,283	2,004	24.2%		No	8,008	1,455	18.2%		No
Census Tract 1713	3,599	1,261	35.0%		No	3,588	495	13.8%		No
Census Tract 1717	4,004	889	22.2%		No	3,914	506	12.9%		No
Census Tract 1701	1,504	1,205	80.1%	Yes		1,499	915	61.0%	Yes	
Census Tract 1702	1,095	952	86.9%	Yes		1,095	543	49.6%	Yes	
Census Tract 1703	2,023	1,478	73.1%	Yes		2,023	1,050	51.9%	Yes	
Census Tract 1704	1,713	937	54.7%	Yes		1,706	597	35.0%	Yes	
Census Tract 1705	6,428	1,281	19.9%		No	6,402	771	12.0%		No
Census Tract 1706	2,669	1,184	44.4%	Yes		2,669	674	25.3%		No
Census Tract 1707	2,377	751	31.6%		No	2,377	565	23.8%		No
Census Tract 1708	6,623	3,633	54.9%	Yes		6,402	2,089	32.6%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1709	2,405	1,590	66.1%	Yes		2,405	1,261	52.4%	Yes	
Census Tract 1710	1,568	962	61.4%	Yes		1,568	739	47.1%	Yes	
Census Tract 1711	5,705	1,594	27.9%		No	5,686	1,226	21.6%		No
Census Tract 1714	1,646	1,098	66.7%	Yes		1,622	666	41.1%	Yes	
Census Tract 1715	3,017	2,487	82.4%	Yes		3,017	1,132	37.5%	Yes	
Census Tract 1716	5,017	2,040	40.7%		No	4,952	941	19.0%		No
Census Tract 1756	4,794	496	10.3%		No	4,794	574	12.0%		No
Census Tract 1757	2,694	353	13.1%		No	2,694	260	9.7%		No
Census Tract 1758	4,306	606	14.1%		No	4,306	189	4.4%		No
Census Tract 3431.01	5,968	2,067	34.6%		No	3,817	170	4.5%		No
Census Tract 3431.02	3,938	387	9.8%		No	3,804	319	8.4%		No
Census Tract 3433	6,989	653	9.3%		No	6,916	390	5.6%		No
<b>TOTAL New Haven County</b>	<b>857,513</b>	<b>318,215</b>	<b>37.1%</b>	<b>77</b>	<b>112</b>	<b>831,151</b>	<b>212,568</b>	<b>25.6%</b>	<b>74</b>	<b>115</b>

Table 17C-14

## Environmental Justice Populations: Hunterdon County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Hunterdon County, New Jersey										
Census Tract 119	3,822	479	12.5%		No	3,805	795	20.9%		No
Census Tract 118	2,757	256	9.3%		No	2,757	309	11.2%		No
Census Tract 105	5,133	156	3.0%		No	5,133	351	6.8%		No
Census Tract 106	6,083	228	3.7%		No	6,030	346	5.7%		No
Census Tract 107.01	5,560	1,086	19.5%	Yes		4,761	534	11.2%		No
Census Tract 107.02	3,348	160	4.8%		No	3,312	209	6.3%		No
Census Tract 115	5,216	343	6.6%		No	5,197	718	13.8%		No
Census Tract 116	5,069	468	9.2%		No	5,037	646	12.8%		No
Census Tract 103	2,797	434	15.5%		No	2,775	462	16.6%		No
Census Tract 104	4,610	330	7.2%		No	4,583	450	9.8%		No
Census Tract 111	5,587	827	14.8%		No	5,587	567	10.1%		No
Census Tract 112.01	7,107	911	12.8%		No	7,107	806	11.3%		No
Census Tract 112.02	3,203	322	10.1%		No	3,203	261	8.1%		No
Census Tract 113.04	3,559	473	13.3%		No	3,531	127	3.6%		No
Census Tract 108.01	2,686	580	21.6%	Yes		2,682	337	12.6%		No
Census Tract 110.02	5,747	626	10.9%		No	5,678	464	8.2%		No
Census Tract 113.01	6,659	915	13.7%		No	6,461	766	11.9%		No
Census Tract 113.02	7,250	1,680	23.2%	Yes		7,243	435	6.0%		No
Census Tract 113.03	4,661	768	16.5%	Yes		4,661	331	7.1%		No
Census Tract 114	4,608	2,268	49.2%	Yes		4,514	1,649	36.5%	Yes	
Census Tract 117	3,890	348	8.9%		No	3,856	310	8.0%		No
Census Tract 101	5,812	378	6.5%		No	5,812	294	5.1%		No
Census Tract 102	7,263	623	8.6%		No	7,192	433	6.0%		No
Census Tract 108.02	1,856	257	13.8%		No	1,854	292	15.7%		No
Census Tract 109	3,500	637	18.2%	Yes		3,500	690	19.7%		No
Census Tract 110.01	7,040	2,507	35.6%	Yes		4,788	412	8.6%		No
TOTAL Hunterdon County	124,823	18,060	14.5%	7	19	121,059	12,994	10.7%	1	25

Table 17C-15

## Environmental Justice Populations: Mercer County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Mercer County, New Jersey										
Census Tract 1	3,191	2,684	84.1%	Yes		3,191	1,816	56.9%	Yes	
Census Tract 8	2,282	2,119	92.9%	Yes		2,260	1,513	66.9%	Yes	
Census Tract 10	2,659	2,444	91.9%	Yes		2,475	1,592	64.3%	Yes	
Census Tract 24	485	366	75.5%	Yes		-	-	0.0%		No
Census Tract 2	4,065	3,190	78.5%	Yes		4,006	2,758	68.8%	Yes	
Census Tract 3	4,326	3,477	80.4%	Yes		4,326	2,416	55.8%	Yes	
Census Tract 4	4,876	4,277	87.7%	Yes		4,844	3,144	64.9%	Yes	
Census Tract 5	4,641	4,108	88.5%	Yes		4,641	3,003	64.7%	Yes	
Census Tract 6	4,959	4,309	86.9%	Yes		4,959	2,506	50.5%	Yes	
Census Tract 7	3,743	3,277	87.6%	Yes		3,743	1,519	40.6%	Yes	
Census Tract 25	6,722	3,546	52.8%	Yes		6,722	2,298	34.2%	Yes	
Census Tract 26.01	4,674	3,768	80.6%	Yes		4,674	2,033	43.5%	Yes	
Census Tract 26.02	4,425	2,366	53.5%	Yes		4,425	1,069	24.2%		No
Census Tract 27.01	4,092	2,308	56.4%	Yes		4,063	1,451	35.7%	Yes	
Census Tract 27.02	5,956	1,911	32.1%		No	5,956	1,555	26.1%		No
Census Tract 30.01	5,414	628	11.6%		No	5,410	421	7.8%		No
Census Tract 30.02	5,318	854	16.1%		No	5,225	169	3.2%		No
Census Tract 30.03	6,122	1,025	16.7%		No	6,122	686	11.2%		No
Census Tract 30.04	5,237	1,120	21.4%		No	5,236	745	14.2%		No
Census Tract 30.09	5,710	1,545	27.1%		No	5,698	947	16.6%		No
Census Tract 9	3,512	3,126	89.0%	Yes		3,473	2,090	60.2%	Yes	
Census Tract 11.01	2,511	2,403	95.7%	Yes		2,511	1,117	44.5%	Yes	
Census Tract 11.02	3,063	2,934	95.8%	Yes		2,944	2,004	68.1%	Yes	
Census Tract 12	3,722	3,081	82.8%	Yes		3,684	996	27.0%	Yes	
Census Tract 13	4,488	3,421	76.2%	Yes		3,367	1,430	42.5%	Yes	
Census Tract 14.01	3,666	3,567	97.3%	Yes		3,666	2,591	70.7%	Yes	
Census Tract 14.02	2,053	2,045	99.6%	Yes		2,053	1,096	53.4%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 15	3,102	2,781	89.7%	Yes		2,996	2,123	70.9%	Yes	
Census Tract 16	1,267	1,234	97.4%	Yes		1,267	586	46.3%	Yes	
Census Tract 17	3,151	3,077	97.7%	Yes		3,151	1,881	59.7%	Yes	
Census Tract 20	1,343	1,298	96.6%	Yes		1,330	802	60.3%	Yes	
Census Tract 34	2,525	1,696	67.2%	Yes		2,401	421	17.5%		No
Census Tract 35	6,905	3,538	51.2%	Yes		6,862	2,011	29.3%	Yes	
Census Tract 36.01	3,660	2,555	69.8%	Yes		3,660	1,299	35.5%	Yes	
Census Tract 36.02	3,731	2,007	53.8%	Yes		3,718	1,301	35.0%	Yes	
Census Tract 37.03	7,096	2,749	38.7%		No	3,775	863	22.9%		No
Census Tract 37.04	2,877	743	25.8%		No	2,844	427	15.0%		No
Census Tract 39.02	1,915	144	7.5%		No	1,906	214	11.2%		No
Census Tract 39.03	2,531	288	11.4%		No	2,531	227	9.0%		No
Census Tract 39.04	5,976	1,831	30.6%		No	5,976	298	5.0%		No
Census Tract 39.05	4,887	441	9.0%		No	4,869	165	3.4%		No
Census Tract 37.05	5,899	1,933	32.8%		No	5,478	694	12.7%		No
Census Tract 37.06	3,344	950	28.4%		No	3,344	303	9.1%		No
Census Tract 38	7,204	1,583	22.0%		No	6,695	499	7.5%		No
Census Tract 18	4,484	3,147	70.2%	Yes		3,733	2,133	57.1%	Yes	
Census Tract 19	1,609	1,479	91.9%	Yes		1,609	1,192	74.1%	Yes	
Census Tract 21	4,591	4,062	88.5%	Yes		4,591	2,073	45.2%	Yes	
Census Tract 22	5,623	5,423	96.4%	Yes		5,622	2,452	43.6%	Yes	
Census Tract 28	7,177	6,392	89.1%	Yes		7,177	3,050	42.5%	Yes	
Census Tract 29.02	4,683	2,264	48.3%		No	4,673	1,108	23.7%		No
Census Tract 29.03	3,416	897	26.3%		No	3,416	581	17.0%		No
Census Tract 29.04	5,011	928	18.5%		No	5,011	791	15.8%		No
Census Tract 30.06	5,266	798	15.2%		No	5,266	237	4.5%		No
Census Tract 30.07	3,200	233	7.3%		No	3,200	232	7.3%		No
Census Tract 30.08	5,001	1,120	22.4%		No	4,686	564	12.0%		No
Census Tract 31	4,381	1,970	45.0%		No	4,381	811	18.5%		No
Census Tract 32.01	7,859	3,122	39.7%		No	6,221	1,249	20.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 32.02	5,565	1,165	20.9%		No	5,476	479	8.7%		No
Census Tract 33.01	6,863	1,070	15.6%		No	6,454	622	9.6%		No
Census Tract 33.02	7,946	4,623	58.2%	Yes		7,946	739	9.3%		No
Census Tract 43.01	8,660	5,886	68.0%	Yes		8,628	698	8.1%		No
Census Tract 43.04	7,921	3,978	50.2%	Yes		7,900	128	1.6%		No
Census Tract 43.06	5,618	3,275	58.3%	Yes		5,447	163	3.0%		No
Census Tract 43.07	5,738	2,598	45.3%		No	5,738	143	2.5%		No
Census Tract 43.1	9,835	3,714	37.8%		No	9,835	576	5.9%		No
Census Tract 40	5,881	2,339	39.8%		No	5,546	1,161	20.9%		No
Census Tract 42.01	7,867	2,202	28.0%		No	7,757	1,002	12.9%		No
Census Tract 42.03	3,974	1,382	34.8%		No	3,974	534	13.4%		No
Census Tract 42.04	5,209	1,798	34.5%		No	5,174	772	14.9%		No
Census Tract 45.01	6,762	2,282	33.7%		No	1,814	226	12.5%		No
Census Tract 45.02	1,307	171	13.1%		No	1,307	392	30.0%	Yes	
Census Tract 43.09	4,530	1,145	25.3%		No	4,530	347	7.7%		No
Census Tract 44.03	5,375	2,526	47.0%		No	5,215	1,229	23.6%		No
Census Tract 44.04	6,870	3,999	58.2%	Yes		6,870	1,398	20.3%		No
Census Tract 44.05	8,453	4,776	56.5%	Yes		8,396	1,011	12.0%		No
Census Tract 44.06	4,955	2,552	51.5%	Yes		4,939	1,456	29.5%	Yes	
Census Tract 44.07	6,967	2,977	42.7%		No	6,919	1,486	21.5%		No
<b>TOTAL Mercer County</b>	<b>367,922</b>	<b>185,040</b>	<b>50.3%</b>	<b>41</b>	<b>36</b>	<b>351,928</b>	<b>88,114</b>	<b>25.0%</b>	<b>33</b>	<b>44</b>



Table 17C-16

## Environmental Justice Populations: Middlesex County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Middlesex County, New Jersey										
Census Tract 85.04	6,573	3,529	53.7%	Yes		6,510	686	10.5%		No
Census Tract 86.01	5,105	2,804	54.9%	Yes		4,948	196	4.0%		No
Census Tract 82.02	14,701	5,330	36.3%		No	14,436	879	6.1%		No
Census Tract 82.04	4,608	1,111	24.1%		No	4,608	727	15.8%		No
Census Tract 82.05	3,401	605	17.8%		No	3,401	742	21.8%		No
Census Tract 86.04	5,975	4,394	73.5%	Yes		5,975	247	4.1%		No
Census Tract 87	3,649	925	25.3%		No	3,571	123	3.4%		No
Census Tract 66.01	2,438	731	30.0%		No	2,430	163	6.7%		No
Census Tract 66.04	6,743	2,975	44.1%		No	6,691	1,217	18.2%		No
Census Tract 66.05	4,012	1,249	31.1%		No	3,931	522	13.3%		No
Census Tract 66.06	2,976	1,202	40.4%		No	2,976	156	5.2%		No
Census Tract 81.03	2,475	569	23.0%		No	2,475	339	13.7%		No
Census Tract 82.06	3,415	461	13.5%		No	3,355	837	24.9%		No
Census Tract 82.07	2,631	321	12.2%		No	2,631	413	15.7%		No
Census Tract 82.08	11,941	4,184	35.0%		No	11,941	1,330	11.1%		No
Census Tract 83	5,921	2,053	34.7%		No	5,921	950	16.0%		No
Census Tract 84.03	7,882	5,374	68.2%	Yes		7,882	772	9.8%		No
Census Tract 84.04	3,843	1,529	39.8%		No	3,843	561	14.6%		No
Census Tract 84.05	4,728	2,912	61.6%	Yes		4,728	282	6.0%		No
Census Tract 85.01	5,875	4,144	70.5%	Yes		5,852	693	11.8%		No
Census Tract 85.02	5,282	3,424	64.8%	Yes		5,282	278	5.3%		No
Census Tract 85.03	8,954	6,985	78.0%	Yes		8,954	779	8.7%		No
Census Tract 86.02	5,157	3,786	73.4%	Yes		5,157	171	3.3%		No
Census Tract 86.05	2,606	2,201	84.5%	Yes		2,606	317	12.2%		No
Census Tract 86.06	4,185	3,006	71.8%	Yes		4,185	573	13.7%		No
Census Tract 77.02	5,922	2,239	37.8%		No	5,852	1,468	25.1%		No
Census Tract 78.01	3,227	1,405	43.5%		No	3,227	428	13.3%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 78.04	5,064	1,556	30.7%		No	4,949	514	10.4%		No
Census Tract 78.05	4,559	1,097	24.1%		No	4,559	292	6.4%		No
Census Tract 78.06	4,152	859	20.7%		No	4,152	748	18.0%		No
Census Tract 79.06	1,496	699	46.7%		No	1,486	320	21.5%		No
Census Tract 79.09	4,123	1,104	26.8%		No	4,123	193	4.7%		No
Census Tract 79.11	3,450	1,317	38.2%		No	3,450	162	4.7%		No
Census Tract 79.12	6,948	2,794	40.2%		No	6,948	867	12.5%		No
Census Tract 66.07	2,875	849	29.5%		No	2,875	164	5.7%		No
Census Tract 66.08	3,697	1,537	41.6%		No	3,697	495	13.4%		No
Census Tract 67.01	3,851	1,173	30.5%		No	3,766	175	4.6%		No
Census Tract 77.03	3,494	962	27.5%		No	3,494	165	4.7%		No
Census Tract 77.04	2,722	692	25.4%		No	2,722	278	10.2%		No
Census Tract 81.01	4,496	1,078	24.0%		No	4,496	700	15.6%		No
Census Tract 81.02	3,773	871	23.1%		No	3,773	478	12.7%		No
Census Tract 82.09	3,609	851	23.6%		No	3,609	222	6.2%		No
Census Tract 6.08	1,568	1,126	71.8%	Yes		1,568	303	19.3%		No
Census Tract 11	4,443	2,027	45.6%		No	4,428	949	21.4%		No
Census Tract 13	4,239	1,422	33.5%		No	4,239	732	17.3%		No
Census Tract 15.06	6,375	5,631	88.3%	Yes		6,103	1,176	19.3%		No
Census Tract 51	6,132	2,783	45.4%		No	3,342	1,917	57.4%	Yes	
Census Tract 52	5,175	3,212	62.1%	Yes		5,139	3,755	73.1%	Yes	
Census Tract 53	3,867	3,321	85.9%	Yes		3,224	2,017	62.6%	Yes	
Census Tract 55	3,849	3,576	92.9%	Yes		3,839	2,273	59.2%	Yes	
Census Tract 56.01	3,154	2,755	87.3%	Yes		3,141	1,557	49.6%	Yes	
Census Tract 56.02	7,677	6,505	84.7%	Yes		7,580	4,809	63.4%	Yes	
Census Tract 57	5,473	4,548	83.1%	Yes		5,473	2,844	52.0%	Yes	
Census Tract 58	5,107	4,505	88.2%	Yes		5,107	3,776	73.9%	Yes	
Census Tract 60.02	7,971	5,542	69.5%	Yes		2,964	1,300	43.9%	Yes	
Census Tract 61.01	5,906	3,513	59.5%	Yes		4,295	1,268	29.5%	Yes	
Census Tract 61.03	5,203	3,411	65.6%	Yes		5,197	1,056	20.3%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 61.04	3,932	2,398	61.0%	Yes		3,932	460	11.7%		No
Census Tract 62.03	9,920	7,183	72.4%	Yes		9,185	1,511	16.5%		No
Census Tract 62.04	1,793	1,331	74.2%	Yes		1,793	251	14.0%		No
Census Tract 62.05	6,420	4,002	62.3%	Yes		6,420	342	5.3%		No
Census Tract 62.06	1,708	739	43.3%		No	1,700	66	3.9%		No
Census Tract 62.07	6,878	4,732	68.8%	Yes		6,878	1,580	23.0%		No
Census Tract 63	6,998	1,677	24.0%		No	6,998	1,571	22.4%		No
Census Tract 84.06	2,263	1,115	49.3%		No	2,263	111	4.9%		No
Census Tract 88	12,341	8,212	66.5%	Yes		2,125	464	21.8%		No
Census Tract 93	5,068	2,925	57.7%	Yes		4,863	2,637	54.2%	Yes	
Census Tract 1	7,554	2,255	29.9%		No	7,554	1,088	14.4%		No
Census Tract 2	6,108	3,687	60.4%	Yes		6,108	1,829	29.9%	Yes	
Census Tract 3	7,252	3,807	52.5%	Yes		7,233	1,921	26.6%		No
Census Tract 4.01	3,306	1,827	55.3%	Yes		3,306	400	12.1%		No
Census Tract 4.03	5,538	4,448	80.3%	Yes		5,538	379	6.8%		No
Census Tract 4.04	5,020	3,495	69.6%	Yes		5,010	1,242	24.8%		No
Census Tract 5.01	4,821	4,228	87.7%	Yes		4,808	1,078	22.4%		No
Census Tract 5.02	6,063	5,198	85.7%	Yes		6,063	1,134	18.7%		No
Census Tract 6.03	2,039	1,289	63.2%	Yes		2,031	153	7.5%		No
Census Tract 6.06	7,802	6,496	83.3%	Yes		7,802	1,147	14.7%		No
Census Tract 7.01	3,154	2,131	67.6%	Yes		3,154	249	7.9%		No
Census Tract 7.02	5,232	3,219	61.5%	Yes		5,228	615	11.8%		No
Census Tract 8.01	4,033	2,186	54.2%	Yes		4,022	518	12.9%		No
Census Tract 8.02	2,806	1,106	39.4%		No	2,806	542	19.3%		No
Census Tract 71.02	5,229	2,541	48.6%		No	5,229	918	17.6%		No
Census Tract 71.03	5,157	3,455	67.0%	Yes		5,157	1,789	34.7%	Yes	
Census Tract 12	5,201	2,531	48.7%		No	5,201	1,347	25.9%		No
Census Tract 15.02	5,964	2,661	44.6%		No	5,964	979	16.4%		No
Census Tract 15.05	2,329	2,157	92.6%	Yes		2,329	212	9.1%		No
Census Tract 16	4,954	3,136	63.3%	Yes		4,954	881	17.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 17.01	5,028	2,339	46.5%		No	5,028	571	11.4%		No
Census Tract 17.02	3,594	1,863	51.8%	Yes		3,594	638	17.8%		No
Census Tract 18.03	3,168	1,472	46.5%		No	3,059	642	21.0%		No
Census Tract 18.04	4,145	2,143	51.7%	Yes		4,145	1,552	37.4%	Yes	
Census Tract 18.05	4,761	3,223	67.7%	Yes		4,761	621	13.0%		No
Census Tract 60.01	2,487	1,345	54.1%	Yes		2,377	302	12.7%		No
Census Tract 64.03	2,768	1,279	46.2%		No	2,768	73	2.6%		No
Census Tract 65	6,865	2,746	40.0%		No	6,845	698	10.2%		No
Census Tract 67.03	6,104	2,868	47.0%		No	6,104	1,095	17.9%		No
Census Tract 68	4,989	2,173	43.6%		No	4,989	948	19.0%		No
Census Tract 69	3,252	1,373	42.2%		No	3,252	723	22.2%		No
Census Tract 70	7,760	2,609	33.6%		No	7,760	1,348	17.4%		No
Census Tract 71.01	3,412	1,238	36.3%		No	3,412	658	19.3%		No
Census Tract 89	4,251	3,162	74.4%	Yes		4,251	1,158	27.2%	Yes	
Census Tract 94	5,490	2,773	50.5%	Yes		5,490	1,334	24.3%		No
Census Tract 32.03	3,678	1,988	54.1%	Yes		3,678	561	15.3%		No
Census Tract 33	6,074	4,553	75.0%	Yes		6,074	1,284	21.1%		No
Census Tract 41	2,679	2,029	75.7%	Yes		2,679	703	26.2%		No
Census Tract 42	2,965	2,285	77.1%	Yes		2,965	885	29.8%	Yes	
Census Tract 43	3,661	3,021	82.5%	Yes		3,661	1,442	39.4%	Yes	
Census Tract 44	4,483	3,848	85.8%	Yes		4,411	1,535	34.8%	Yes	
Census Tract 45	8,347	7,784	93.3%	Yes		8,347	4,072	48.8%	Yes	
Census Tract 46	5,731	5,118	89.3%	Yes		5,712	3,309	57.9%	Yes	
Census Tract 47	4,042	3,287	81.3%	Yes		4,042	1,667	41.2%	Yes	
Census Tract 48	5,639	4,955	87.9%	Yes		5,415	3,199	59.1%	Yes	
Census Tract 49	4,981	4,322	86.8%	Yes		4,902	2,100	42.8%	Yes	
Census Tract 50	4,986	4,468	89.6%	Yes		4,986	1,850	37.1%	Yes	
Census Tract 72.02	4,330	1,688	39.0%		No	4,330	692	16.0%		No
Census Tract 72.03	4,981	2,581	51.8%	Yes		4,981	1,075	21.6%		No
Census Tract 73.01	3,232	1,038	32.1%		No	3,232	250	7.7%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 73.03	1,808	766	42.4%		No	1,808	231	12.8%		No
Census Tract 73.04	6,923	4,270	61.7%	Yes		6,923	964	13.9%		No
Census Tract 74.02	4,865	1,508	31.0%		No	4,823	717	14.9%		No
Census Tract 75	3,160	1,065	33.7%		No	3,160	549	17.4%		No
Census Tract 76	5,612	1,830	32.6%		No	5,612	1,071	19.1%		No
Census Tract 79.05	2,343	816	34.8%		No	2,343	268	11.4%		No
Census Tract 79.07	3,130	942	30.1%		No	3,130	258	8.2%		No
Census Tract 79.08	5,491	4,306	78.4%	Yes		5,491	1,912	34.8%	Yes	
Census Tract 79.1	3,127	912	29.2%		No	2,982	448	15.0%		No
Census Tract 92	4,355	1,425	32.7%		No	4,355	1,008	23.1%		No
Census Tract 14.16	8,991	8,090	90.0%	Yes		8,991	1,390	15.5%		No
Census Tract 19.01	4,976	3,176	63.8%	Yes		4,440	693	15.6%		No
Census Tract 19.03	3,489	1,750	50.2%	Yes		3,468	558	16.1%		No
Census Tract 9.01	2,340	798	34.1%		No	2,340	346	14.8%		No
Census Tract 9.02	4,597	1,855	40.4%		No	4,597	540	11.7%		No
Census Tract 10.01	2,532	871	34.4%		No	2,524	357	14.1%		No
Census Tract 10.02	7,648	4,749	62.1%	Yes		7,441	595	8.0%		No
Census Tract 14.09	3,427	2,470	72.1%	Yes		3,427	161	4.7%		No
Census Tract 14.1	4,043	3,342	82.7%	Yes		4,043	613	15.2%		No
Census Tract 14.11	3,071	2,357	76.8%	Yes		3,071	183	6.0%		No
Census Tract 14.12	3,362	2,241	66.7%	Yes		3,280	269	8.2%		No
Census Tract 14.13	5,408	4,614	85.3%	Yes		5,301	1,042	19.7%		No
Census Tract 14.14	5,219	4,396	84.2%	Yes		5,219	380	7.3%		No
Census Tract 14.15	5,105	3,101	60.7%	Yes		5,105	328	6.4%		No
Census Tract 14.17	1,916	1,243	64.9%	Yes		1,854	106	5.7%		No
Census Tract 15.04	5,569	4,587	82.4%	Yes		5,561	398	7.2%		No
Census Tract 20	4,246	1,878	44.2%		No	4,246	325	7.7%		No
Census Tract 21.01	2,237	557	24.9%		No	2,237	72	3.2%		No
Census Tract 21.02	3,877	1,158	29.9%		No	3,877	496	12.8%		No
Census Tract 22	3,688	1,149	31.2%		No	3,688	353	9.6%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 19.02	2,295	1,086	47.3%		No	2,268	394	17.4%		No
Census Tract 23.01	3,769	1,229	32.6%		No	3,769	281	7.5%		No
Census Tract 23.02	3,685	1,195	32.4%		No	3,685	221	6.0%		No
Census Tract 24.01	5,418	1,766	32.6%		No	5,418	424	7.8%		No
Census Tract 24.02	1,617	685	42.4%		No	1,617	33	2.0%		No
Census Tract 25	6,449	5,135	79.6%	Yes		6,449	1,911	29.6%	Yes	
Census Tract 26.03	5,087	3,782	74.3%	Yes		5,087	475	9.3%		No
Census Tract 26.04	5,947	3,509	59.0%	Yes		5,947	730	12.3%		No
Census Tract 26.05	2,897	1,197	41.3%		No	2,897	342	11.8%		No
Census Tract 27.01	5,567	3,906	70.2%	Yes		5,567	959	17.2%		No
Census Tract 27.03	5,826	3,234	55.5%	Yes		5,794	1,150	19.8%		No
Census Tract 28.05	2,536	1,017	40.1%		No	2,536	321	12.7%		No
Census Tract 29.01	3,541	2,335	65.9%	Yes		3,541	576	16.3%		No
Census Tract 29.02	2,957	1,699	57.5%	Yes		2,957	743	25.1%		No
Census Tract 30.01	4,068	1,889	46.4%		No	4,045	601	14.9%		No
Census Tract 30.02	5,916	4,806	81.2%	Yes		5,870	447	7.6%		No
Census Tract 31.01	2,546	1,378	54.1%	Yes		2,543	256	10.1%		No
Census Tract 31.02	4,710	2,846	60.4%	Yes		4,710	576	12.2%		No
Census Tract 32.01	3,230	1,428	44.2%		No	3,230	559	17.3%		No
Census Tract 34.01	3,697	1,850	50.0%	Yes		3,644	606	16.6%		No
Census Tract 40	4,164	3,359	80.7%	Yes		3,993	1,146	28.7%	Yes	
Census Tract 90	7,199	4,975	69.1%	Yes		3,128	1,355	43.3%	Yes	
Census Tract 80.01	6,534	2,444	37.4%		No	6,522	1,049	16.1%		No
Census Tract 35	3,218	1,917	59.6%	Yes		3,218	666	20.7%		No
Census Tract 36	7,266	5,958	82.0%	Yes		7,251	2,724	37.6%	Yes	
Census Tract 37	3,828	2,619	68.4%	Yes		3,796	712	18.8%		No
Census Tract 38	8,349	6,005	71.9%	Yes		8,349	2,703	32.4%	Yes	
Census Tract 91	3,610	2,294	63.5%	Yes		3,610	427	11.8%		No
<b>TOTAL Middlesex County</b>	<b>825,920</b>	<b>470,267</b>	<b>56.9%</b>	<b>97</b>	<b>78</b>	<b>796,788</b>	<b>154,771</b>	<b>19.4%</b>	<b>30</b>	<b>145</b>



Table 17C-17

## Environmental Justice Populations: Monmouth County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Monmouth County, New Jersey										
Census Tract 8120	1,892	257	13.6%		No	1,892	108	5.7%		No
Census Tract 8119	6,940	1,210	17.4%		No	6,940	709	10.2%		No
Census Tract 8125.02	5,082	934	18.4%		No	5,080	404	8.0%		No
Census Tract 8106	6,219	1,396	22.4%		No	6,219	969	15.6%		No
Census Tract 8113.01	6,260	1,982	31.7%	Yes		6,260	1,459	23.3%		No
Census Tract 8097.03	4,400	1,122	25.5%		No	4,400	476	10.8%		No
Census Tract 8097.04	6,083	1,333	21.9%		No	6,083	443	7.3%		No
Census Tract 8100.03	5,298	617	11.6%		No	5,170	549	10.6%		No
Census Tract 8100.04	4,083	607	14.9%		No	4,083	237	5.8%		No
Census Tract 8101.01	4,266	648	15.2%		No	4,266	325	7.6%		No
Census Tract 8101.02	4,185	913	21.8%		No	4,185	279	6.7%		No
Census Tract 8104.01	4,428	876	19.8%		No	3,784	519	13.7%		No
Census Tract 8105.01	4,415	1,247	28.2%	Yes		4,415	806	18.3%		No
Census Tract 8105.02	8,014	2,368	29.5%	Yes		8,014	908	11.3%		No
Census Tract 8105.03	4,066	925	22.7%		No	3,939	406	10.3%		No
Census Tract 8107	1,958	891	45.5%	Yes		1,958	522	26.7%		No
Census Tract 8108	3,349	2,435	72.7%	Yes		3,274	1,112	34.0%	Yes	
Census Tract 8109	2,917	1,636	56.1%	Yes		2,917	1,042	35.7%	Yes	
Census Tract 8110	3,573	2,165	60.6%	Yes		3,573	1,530	42.8%	Yes	
Census Tract 8100.01	5,869	1,050	17.9%		No	5,869	565	9.6%		No
Census Tract 8102	12,366	2,527	20.4%		No	12,366	533	4.3%		No
Census Tract 8103	2,119	552	26.1%		No	2,105	605	28.7%	Yes	
Census Tract 8125.01	6,215	1,022	16.4%		No	6,215	768	12.4%		No
Census Tract 8095.02	8,372	2,791	33.3%	Yes		8,372	580	6.9%		No
Census Tract 8096	7,271	1,348	18.5%		No	7,225	1,036	14.3%		No
Census Tract 8100.02	3,635	255	7.0%		No	3,635	1,019	28.0%	Yes	
Census Tract 8115.01	6,414	1,099	17.1%		No	6,355	502	7.9%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 8086	6,182	900	14.6%		No	6,056	973	16.1%		No
Census Tract 8087.02	4,285	217	5.1%		No	4,119	152	3.7%		No
Census Tract 8111.02	6,489	1,375	21.2%		No	6,475	1,008	15.6%		No
Census Tract 8112	5,852	1,650	28.2%	Yes		5,830	971	16.7%		No
Census Tract 8113.03	4,344	965	22.2%		No	4,344	555	12.8%		No
Census Tract 8113.04	3,336	502	15.0%		No	3,336	399	12.0%		No
Census Tract 8114.01	5,923	1,445	24.4%		No	5,923	46	0.8%		No
Census Tract 8114.02	4,114	831	20.2%		No	4,098	418	10.2%		No
Census Tract 8115.02	3,602	485	13.5%		No	3,602	597	16.6%		No
Census Tract 8116	1,299	280	21.6%		No	1,299	380	29.3%	Yes	
Census Tract 8074	3,047	243	8.0%		No	2,936	749	25.5%		No
Census Tract 8082	4,193	861	20.5%		No	4,193	1,254	29.9%	Yes	
Census Tract 8072	2,304	2,138	92.8%	Yes		2,304	1,611	69.9%	Yes	
Census Tract 8073	3,568	3,446	96.6%	Yes		3,546	2,283	64.4%	Yes	
Census Tract 8075	3,093	2,299	74.3%	Yes		3,093	856	27.7%	Yes	
Census Tract 8076	3,037	2,801	92.2%	Yes		3,037	1,447	47.6%	Yes	
Census Tract 8077	4,192	3,303	78.8%	Yes		4,021	837	20.8%		No
Census Tract 8078	4,253	2,812	66.1%	Yes		4,241	573	13.5%		No
Census Tract 8080.01	3,815	259	6.8%		No	3,793	357	9.4%		No
Census Tract 8080.02	2,218	497	22.4%		No	2,218	214	9.6%		No
Census Tract 8081	4,672	1,135	24.3%		No	4,593	1,416	30.8%	Yes	
Census Tract 8083	1,789	184	10.3%		No	1,789	232	13.0%		No
Census Tract 8084.01	1,951	70	3.6%		No	1,951	287	14.7%		No
Census Tract 8084.02	3,673	959	26.1%		No	3,673	1,105	30.1%	Yes	
Census Tract 8085	5,995	667	11.1%		No	5,905	1,058	17.9%		No
Census Tract 8087.01	4,815	320	6.6%		No	4,730	608	12.9%		No
Census Tract 8088	4,468	349	7.8%		No	4,468	410	9.2%		No
Census Tract 8089	4,564	349	7.6%		No	4,564	594	13.0%		No
Census Tract 8090	1,740	438	25.2%		No	1,740	360	20.7%		No
Census Tract 8091	2,927	105	3.6%		No	2,927	538	18.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 8092	1,655	42	2.5%		No	1,655	54	3.3%		No
Census Tract 8093.01	3,088	401	13.0%		No	3,088	330	10.7%		No
Census Tract 8093.02	2,741	48	1.8%		No	2,741	230	8.4%		No
Census Tract 8094	4,697	236	5.0%		No	4,697	214	4.6%		No
Census Tract 8046	2,723	348	12.8%		No	2,723	131	4.8%		No
Census Tract 8048	9,584	2,570	26.8%		No	9,452	2,197	23.2%		No
Census Tract 8097.01	5,310	1,694	31.9%	Yes		5,310	198	3.7%		No
Census Tract 8099.01	4,972	379	7.6%		No	4,972	274	5.5%		No
Census Tract 8099.02	4,658	503	10.8%		No	4,645	301	6.5%		No
Census Tract 8099.03	265	25	9.4%		No	200	104	52.0%	Yes	
Census Tract 8104.02	7,803	1,949	25.0%		No	7,659	443	5.8%		No
Census Tract 8111.01	5,625	1,512	26.9%		No	5,571	1,050	18.8%		No
Census Tract 8005	4,617	726	15.7%		No	4,617	425	9.2%		No
Census Tract 8007.01	4,923	742	15.1%		No	4,923	302	6.1%		No
Census Tract 8007.02	3,726	531	14.3%		No	3,726	403	10.8%		No
Census Tract 8008	6,266	904	14.4%		No	6,266	612	9.8%		No
Census Tract 8010	4,328	742	17.1%		No	4,311	761	17.7%		No
Census Tract 8011	4,295	272	6.3%		No	4,295	240	5.6%		No
Census Tract 8012	3,709	411	11.1%		No	3,709	183	4.9%		No
Census Tract 8013	5,836	297	5.1%		No	5,836	799	13.7%		No
Census Tract 8015	6,405	735	11.5%		No	6,376	388	6.1%		No
Census Tract 8032.01	3,865	1,507	39.0%	Yes		3,704	548	14.8%		No
Census Tract 8023	4,409	772	17.5%		No	4,256	618	14.5%		No
Census Tract 8024	5,240	862	16.5%		No	5,240	574	11.0%		No
Census Tract 8027	4,090	786	19.2%		No	4,067	224	5.5%		No
Census Tract 8028	4,808	866	18.0%		No	4,777	397	8.3%		No
Census Tract 8029	2,071	281	13.6%		No	2,071	248	12.0%		No
Census Tract 8030	5,422	1,543	28.5%	Yes		5,332	875	16.4%		No
Census Tract 8031	3,325	1,132	34.0%	Yes		3,317	194	5.8%		No
Census Tract 8032.02	5,981	1,341	22.4%		No	5,831	589	10.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 8033	6,763	1,689	25.0%		No	6,672	210	3.1%		No
Census Tract 8095.01	8,546	3,457	40.5%	Yes		8,503	432	5.1%		No
Census Tract 8054	4,912	2,208	45.0%	Yes		4,901	1,770	36.1%	Yes	
Census Tract 8055	4,363	2,655	60.9%	Yes		4,273	1,605	37.6%	Yes	
Census Tract 8056	2,478	2,190	88.4%	Yes		2,459	1,162	47.3%	Yes	
Census Tract 8057	2,905	1,469	50.6%	Yes		2,891	1,427	49.4%	Yes	
Census Tract 8058	3,756	2,060	54.8%	Yes		3,703	2,137	57.7%	Yes	
Census Tract 8059	5,259	2,886	54.9%	Yes		5,166	1,695	32.8%	Yes	
Census Tract 8060	3,767	947	25.1%		No	3,739	1,049	28.1%	Yes	
Census Tract 8061	3,076	241	7.8%		No	3,076	902	29.3%	Yes	
Census Tract 8063	2,365	118	5.0%		No	2,365	314	13.3%		No
Census Tract 8070.03	4,418	2,609	59.1%	Yes		4,418	2,124	48.1%	Yes	
Census Tract 8070.04	2,677	780	29.1%	Yes		2,677	736	27.5%	Yes	
Census Tract 8124	1,973	198	10.0%		No	1,973	287	14.5%		No
Census Tract 8045	5,289	1,692	32.0%	Yes		5,289	1,042	19.7%		No
Census Tract 8047	36	12	33.3%	Yes		29	-	0.0%		No
Census Tract 8050.01	4,724	2,462	52.1%	Yes		4,722	1,580	33.5%	Yes	
Census Tract 8051	4,380	1,047	23.9%		No	4,235	840	19.8%		No
Census Tract 8053	5,593	669	12.0%		No	5,593	1,065	19.0%		No
Census Tract 8062.01	3,559	523	14.7%		No	2,360	494	20.9%		No
Census Tract 8062.02	4,349	601	13.8%		No	4,349	587	13.5%		No
Census Tract 8064	4,904	708	14.4%		No	4,904	322	6.6%		No
Census Tract 8065.01	3,919	1,824	46.5%	Yes		3,919	1,348	34.4%	Yes	
Census Tract 8065.02	3,428	983	28.7%	Yes		3,428	613	17.9%		No
Census Tract 8065.03	3,973	359	9.0%		No	3,973	190	4.8%		No
Census Tract 8065.04	2,736	1,401	51.2%	Yes		2,736	327	12.0%		No
Census Tract 8066	5,384	1,098	20.4%		No	5,357	523	9.8%		No
Census Tract 8071	2,630	1,774	67.5%	Yes		2,630	942	35.8%	Yes	
Census Tract 8079	3,908	1,791	45.8%	Yes		3,751	533	14.2%		No
Census Tract 8122	3,242	1,008	31.1%	Yes		3,242	808	24.9%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 8123	5,118	828	16.2%		No	4,954	631	12.7%		No
Census Tract 8001	4,768	714	15.0%		No	4,768	1,010	21.2%		No
Census Tract 8038	3,209	221	6.9%		No	3,209	64	2.0%		No
Census Tract 8039	3,583	328	9.2%		No	3,556	243	6.8%		No
Census Tract 8041	3,212	167	5.2%		No	3,212	266	8.3%		No
Census Tract 8121	1,352	127	9.4%		No	1,337	211	15.8%		No
Census Tract 8002	4,309	267	6.2%		No	4,309	469	10.9%		No
Census Tract 8004	3,386	307	9.1%		No	3,386	424	12.5%		No
Census Tract 8009	5,626	695	12.4%		No	5,560	454	8.2%		No
Census Tract 8014	3,964	216	5.4%		No	3,964	120	3.0%		No
Census Tract 8034	5,000	4,090	81.8%	Yes		4,889	2,399	49.1%	Yes	
Census Tract 8035	2,594	710	27.4%	Yes		2,594	653	25.2%		No
Census Tract 8036	4,478	680	15.2%		No	4,451	881	19.8%		No
Census Tract 8037	5,873	403	6.9%		No	5,865	380	6.5%		No
Census Tract 8042	5,844	326	5.6%		No	5,844	113	1.9%		No
Census Tract 8006.01	5,142	919	17.9%		No	5,142	1,022	19.9%		No
Census Tract 8006.02	3,098	341	11.0%		No	3,098	342	11.0%		No
Census Tract 8016	5,564	1,528	27.5%	Yes		5,562	1,926	34.6%	Yes	
Census Tract 8017	4,171	1,516	36.3%	Yes		4,019	1,993	49.6%	Yes	
Census Tract 8022	3,870	788	20.4%		No	3,862	741	19.2%		No
Census Tract 8018	5,390	1,189	22.1%		No	5,381	889	16.5%		No
Census Tract 8019	3,435	997	29.0%	Yes		3,427	980	28.6%	Yes	
Census Tract 8020	3,599	1,101	30.6%	Yes		3,599	1,012	28.1%	Yes	
Census Tract 8021	6,325	872	13.8%		No	6,271	556	8.9%		No
Census Tract 8025	2,892	920	31.8%	Yes		2,880	308	10.7%		No
Census Tract 8026	4,679	1,950	41.7%	Yes		4,666	795	17.0%		No
<b>TOTAL Monmouth County</b>	<b>621,659</b>	<b>153,907</b>	<b>24.8%</b>	<b>45</b>	<b>98</b>	<b>615,903</b>	<b>100,551</b>	<b>16.3%</b>	<b>32</b>	<b>111</b>

Table 17C-18

## Environmental Justice Populations: Morris County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Morris County, New Jersey										
Census Tract 462.01	6,166	1,069	17.3%		No	6,024	660	11.0%		No
Census Tract 462.02	3,617	464	12.8%		No	3,617	137	3.8%		No
Census Tract 462.98	5,226	659	12.6%		No	5,226	796	15.2%		No
Census Tract 462.97	3,420	239	7.0%		No	3,409	175	5.1%		No
Census Tract 457.01	5,883	1,321	22.5%		No	5,883	430	7.3%		No
Census Tract 458.04	5,755	786	13.7%		No	5,755	280	4.9%		No
Census Tract 459.01	1,653	290	17.5%		No	1,644	276	16.8%		No
Census Tract 459.02	7,783	1,044	13.4%		No	7,754	487	6.3%		No
Census Tract 461.03	5,942	1,378	23.2%		No	5,942	994	16.7%		No
Census Tract 461.04	6,968	2,538	36.4%	Yes		6,968	1,590	22.8%		No
Census Tract 464	4,917	451	9.2%		No	4,706	241	5.1%		No
Census Tract 440	5,572	1,456	26.1%		No	5,480	196	3.6%		No
Census Tract 441.01	2,986	371	12.4%		No	2,986	76	2.5%		No
Census Tract 441.02	5,604	625	11.2%		No	5,604	478	8.5%		No
Census Tract 421	4,121	696	16.9%		No	4,054	246	6.1%		No
Census Tract 422	5,589	1,422	25.4%		No	5,589	520	9.3%		No
Census Tract 423.01	2,601	530	20.4%		No	2,601	167	6.4%		No
Census Tract 423.02	3,147	532	16.9%		No	3,147	139	4.4%		No
Census Tract 432	4,335	1,059	24.4%		No	3,036	270	8.9%		No
Census Tract 433.01	3,015	1,241	41.2%	Yes		2,768	286	10.3%		No
Census Tract 433.02	3,018	512	17.0%		No	3,018	261	8.6%		No
Census Tract 433.03	3,633	652	17.9%		No	3,625	79	2.2%		No
Census Tract 434.01	7,307	1,803	24.7%		No	6,970	714	10.2%		No
Census Tract 434.02	5,295	981	18.5%		No	5,148	598	11.6%		No
Census Tract 435	3,528	2,899	82.2%	Yes		3,528	1,418	40.2%	Yes	
Census Tract 436	5,576	2,050	36.8%	Yes		5,525	647	11.7%		No
Census Tract 437	3,698	755	20.4%		No	3,447	531	15.4%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 438	6,107	2,985	48.9%	Yes		6,090	1,712	28.1%	Yes	
Census Tract 442	3,806	267	7.0%		No	3,786	382	10.1%		No
Census Tract 457.03	3,672	1,018	27.7%		No	3,672	263	7.2%		No
Census Tract 457.04	5,384	761	14.1%		No	5,384	254	4.7%		No
Census Tract 428	4,739	688	14.5%		No	4,738	115	2.4%		No
Census Tract 439	4,727	659	13.9%		No	4,717	239	5.1%		No
Census Tract 419.01	6,078	1,645	27.1%		No	6,078	213	3.5%		No
Census Tract 419.02	4,994	1,477	29.6%		No	4,994	674	13.5%		No
Census Tract 420	4,689	1,202	25.6%		No	4,677	340	7.3%		No
Census Tract 425	3,264	466	14.3%		No	3,254	139	4.3%		No
Census Tract 426	8,359	2,196	26.3%		No	6,903	1,102	16.0%		No
Census Tract 427	4,077	974	23.9%		No	4,047	305	7.5%		No
Census Tract 429	3,778	1,067	28.2%		No	3,740	395	10.6%		No
Census Tract 430	4,707	1,143	24.3%		No	4,694	374	8.0%		No
Census Tract 431	3,557	343	9.6%		No	3,557	203	5.7%		No
Census Tract 461.06	8,336	2,873	34.5%	Yes		8,336	1,122	13.5%		No
Census Tract 447.01	4,727	465	9.8%		No	4,710	523	11.1%		No
Census Tract 452	3,530	1,630	46.2%	Yes		3,522	757	21.5%		No
Census Tract 453	4,458	825	18.5%		No	4,246	332	7.8%		No
Census Tract 454.01	5,637	1,828	32.4%	Yes		5,637	1,916	34.0%	Yes	
Census Tract 454.02	5,071	1,506	29.7%		No	5,071	1,097	21.6%		No
Census Tract 455.01	4,809	676	14.1%		No	4,809	249	5.2%		No
Census Tract 455.02	8,618	1,779	20.6%		No	8,618	481	5.6%		No
Census Tract 460	3,177	764	24.0%		No	3,155	739	23.4%		No
Census Tract 461.05	7,669	1,986	25.9%		No	7,669	1,939	25.3%		No
Census Tract 409	4,292	720	16.8%		No	4,173	533	12.8%		No
Census Tract 412	4,270	809	18.9%		No	4,270	270	6.3%		No
Census Tract 413	4,932	629	12.8%		No	4,858	733	15.1%		No
Census Tract 414	5,769	876	15.2%		No	5,769	433	7.5%		No
Census Tract 415	5,905	1,401	23.7%		No	5,905	362	6.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 416.01	7,501	3,676	49.0%	Yes		7,017	860	12.3%		No
Census Tract 416.02	2,586	882	34.1%	Yes		2,586	200	7.7%		No
Census Tract 416.03	4,321	2,407	55.7%	Yes		4,310	588	13.6%		No
Census Tract 416.04	4,670	1,640	35.1%	Yes		4,670	363	7.8%		No
Census Tract 418.01	2,815	1,883	66.9%	Yes		2,815	539	19.1%		No
Census Tract 418.02	4,751	2,413	50.8%	Yes		4,751	394	8.3%		No
Census Tract 443	6,384	2,066	32.4%	Yes		6,384	587	9.2%		No
Census Tract 444.03	5,127	1,139	22.2%		No	5,127	371	7.2%		No
Census Tract 444.04	4,421	974	22.0%		No	4,421	421	9.5%		No
Census Tract 445.01	6,608	1,443	21.8%		No	6,608	1,213	18.4%		No
Census Tract 445.02	4,246	1,529	36.0%	Yes		4,246	633	14.9%		No
Census Tract 448	7,391	6,275	84.9%	Yes		7,232	2,152	29.8%	Yes	
Census Tract 449	5,656	4,379	77.4%	Yes		5,603	1,490	26.6%		No
Census Tract 450	4,930	3,787	76.8%	Yes		4,742	2,059	43.4%	Yes	
Census Tract 451	6,474	4,032	62.3%	Yes		6,469	1,884	29.1%	Yes	
Census Tract 456.02	1,505	1,101	73.2%	Yes		1,505	551	36.6%	Yes	
Census Tract 456.03	4,949	2,456	49.6%	Yes		4,949	756	15.3%		No
Census Tract 463	5,661	1,674	29.6%		No	5,545	576	10.4%		No
Census Tract 444.01	4,667	545	11.7%		No	4,667	261	5.6%		No
Census Tract 446.01	4,856	350	7.2%		No	4,839	491	10.1%		No
Census Tract 446.02	5,485	763	13.9%		No	5,485	720	13.1%		No
Census Tract 447.02	5,967	1,430	24.0%		No	5,967	803	13.5%		No
Census Tract 401.01	3,931	821	20.9%		No	3,931	368	9.4%		No
Census Tract 401.02	6,331	1,284	20.3%		No	5,651	434	7.7%		No
Census Tract 408.01	5,065	885	17.5%		No	5,055	675	13.4%		No
Census Tract 408.03	6,573	2,464	37.5%	Yes		6,573	481	7.3%		No
Census Tract 408.04	3,704	1,404	37.9%	Yes		3,704	281	7.6%		No
Census Tract 408.05	6,029	1,445	24.0%		No	5,944	226	3.8%		No
Census Tract 410	4,503	1,297	28.8%		No	4,412	508	11.5%		No
Census Tract 411	3,895	1,265	32.5%	Yes		3,895	1,373	35.3%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 417.01	5,933	3,097	52.2%	Yes		5,907	914	15.5%		No
Census Tract 417.02	3,184	1,212	38.1%	Yes		3,175	460	14.5%		No
Census Tract 417.04	4,733	2,565	54.2%	Yes		4,733	536	11.3%		No
Census Tract 417.05	1,551	695	44.8%	Yes		1,540	416	27.0%	Yes	
Census Tract 417.06	5,706	3,299	57.8%	Yes		5,679	493	8.7%		No
Census Tract 418.03	4,656	2,393	51.4%	Yes		4,401	147	3.3%		No
Census Tract 402	6,767	1,096	16.2%		No	6,767	988	14.6%		No
Census Tract 403	8,424	967	11.5%		No	8,344	865	10.4%		No
Census Tract 404	4,197	864	20.6%		No	4,197	561	13.4%		No
Census Tract 405	3,394	995	29.3%		No	3,394	774	22.8%		No
Census Tract 406	4,285	929	21.7%		No	4,285	426	9.9%		No
Census Tract 407.01	5,864	1,396	23.8%		No	5,864	444	7.6%		No
Census Tract 407.02	4,190	482	11.5%		No	4,190	202	4.8%		No
<b>TOTAL Morris County</b>	<b>493,379</b>	<b>141,180</b>	<b>28.6%</b>	<b>31</b>	<b>69</b>	<b>486,112</b>	<b>60,372</b>	<b>12.4%</b>	<b>9</b>	<b>91</b>

Table 17C-19

## Environmental Justice Populations: Ocean County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Ocean County, New Jersey										
Census Tract 7361.02	8,049	890	11.1%		No	8,049	1,971	24.5%		No
Census Tract 7361.05	3,472	476	13.7%		No	3,472	807	23.2%		No
Census Tract 7380.02	1,298	39	3.0%		No	1,293	233	18.0%		No
Census Tract 9801	-	-	0.0%		No	-	-	0.0%		No
Census Tract 7340.01	8,253	841	10.2%		No	8,253	1,061	12.9%		No
Census Tract 7350.01	7,085	822	11.6%		No	7,085	902	12.7%		No
Census Tract 7350.02	9,770	1,384	14.2%		No	9,500	1,778	18.7%		No
Census Tract 7351.01	2,592	291	11.2%		No	2,592	932	36.0%	Yes	
Census Tract 7360.01	3,723	209	5.6%		No	3,684	539	14.6%		No
Census Tract 7360.02	1,583	85	5.4%		No	1,583	304	19.2%		No
Census Tract 7370	3,367	250	7.4%		No	3,367	1,033	30.7%	Yes	
Census Tract 7361.01	5,883	450	7.6%		No	5,593	730	13.1%		No
Census Tract 7201.03	4,775	370	7.7%		No	4,633	1,453	31.4%	Yes	
Census Tract 7202.03	4,117	527	12.8%		No	4,117	789	19.2%		No
Census Tract 7202.04	5,637	1,685	29.9%	Yes		5,637	1,225	21.7%		No
Census Tract 7312.01	4,361	343	7.9%		No	4,361	1,723	39.5%	Yes	
Census Tract 7312.02	4,067	288	7.1%		No	4,067	1,110	27.3%	Yes	
Census Tract 7312.03	1,650	62	3.8%		No	1,650	379	23.0%		No
Census Tract 7312.04	3,755	280	7.5%		No	3,755	865	23.0%		No
Census Tract 7320.01	6,699	246	3.7%		No	6,648	283	4.3%		No
Census Tract 7200.01	4,215	332	7.9%		No	4,148	859	20.7%		No
Census Tract 7201.01	6,655	1,234	18.5%	Yes		6,537	2,235	34.2%	Yes	
Census Tract 7201.02	3,584	322	9.0%		No	3,521	1,770	50.3%	Yes	
Census Tract 7391	1,641	131	8.0%		No	1,613	456	28.3%	Yes	
Census Tract 7180	8,513	1,074	12.6%		No	8,495	1,262	14.9%		No
Census Tract 7170.01	3,156	753	23.9%	Yes		3,148	598	19.0%		No
Census Tract 7170.02	5,521	1,676	30.4%	Yes		5,378	1,609	29.9%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 7171.01	8,459	1,918	22.7%	Yes		8,377	525	6.3%		No
Census Tract 7171.02	4,750	976	20.5%	Yes		4,750	819	17.2%		No
Census Tract 7175.01	7,200	1,593	22.1%	Yes		7,200	1,729	24.0%		No
Census Tract 7175.02	7,560	859	11.4%		No	7,546	662	8.8%		No
Census Tract 7202.02	3,535	364	10.3%		No	3,535	1,078	30.5%	Yes	
Census Tract 7202.05	3,311	260	7.9%		No	3,188	518	16.2%		No
Census Tract 7202.06	6,077	977	16.1%		No	6,007	1,083	18.0%		No
Census Tract 7210	2,684	708	26.4%	Yes		2,670	828	31.0%	Yes	
Census Tract 7172	8,472	1,164	13.7%		No	8,393	850	10.1%		No
Census Tract 7173	5,761	994	17.3%	Yes		5,739	721	12.6%		No
Census Tract 7174	6,045	1,088	18.0%	Yes		6,036	731	12.1%		No
Census Tract 7351.03	3,994	236	5.9%		No	3,994	674	16.9%		No
Census Tract 7351.04	3,906	685	17.5%	Yes		3,893	763	19.6%		No
Census Tract 7380.01	2,128	56	2.6%		No	2,128	370	17.4%		No
Census Tract 7390	2,320	52	2.2%		No	2,320	276	11.9%		No
Census Tract 7330	9,003	530	5.9%		No	8,957	1,732	19.3%		No
Census Tract 7340.02	6,514	950	14.6%		No	6,514	1,481	22.7%		No
Census Tract 7340.03	7,987	1,585	19.8%	Yes		7,884	2,275	28.9%	Yes	
Census Tract 7310.02	3,685	522	14.2%		No	3,507	572	16.3%		No
Census Tract 7311.02	6,560	1,294	19.7%	Yes		6,551	1,399	21.4%		No
Census Tract 7311.03	4,538	679	15.0%		No	4,319	295	6.8%		No
Census Tract 7320.02	9,229	1,084	11.7%		No	9,229	2,127	23.0%		No
Census Tract 7321.01	6,345	30	0.5%		No	6,229	1,265	20.3%		No
Census Tract 7321.03	2,439	134	5.5%		No	2,426	355	14.6%		No
Census Tract 7321.04	4,092	384	9.4%		No	4,058	729	18.0%		No
Census Tract 7223	3,939	634	16.1%		No	3,857	248	6.4%		No
Census Tract 7228	4,634	2,063	44.5%	Yes		4,633	1,156	25.0%		No
Census Tract 7229	5,691	1,919	33.7%	Yes		5,675	1,594	28.1%	Yes	
Census Tract 7230	5,741	1,352	23.5%	Yes		5,587	1,049	18.8%		No
Census Tract 7231	4,068	860	21.1%	Yes		3,617	721	19.9%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 7232	6,453	918	14.2%		No	6,453	1,136	17.6%		No
Census Tract 7236	2,349	155	6.6%		No	2,349	401	17.1%		No
Census Tract 7240	3,648	1,585	43.4%	Yes		3,648	940	25.8%		No
Census Tract 7250.01	3,092	231	7.5%		No	3,056	612	20.0%		No
Census Tract 7250.02	6,155	1,172	19.0%	Yes		6,098	1,368	22.4%		No
Census Tract 7251	1,979	263	13.3%		No	1,979	387	19.6%		No
Census Tract 7300	2,278	294	12.9%		No	2,273	313	13.8%		No
Census Tract 7312.05	3,638	1,070	29.4%	Yes		3,638	1,361	37.4%	Yes	
Census Tract 7312.06	2,226	99	4.4%		No	2,084	671	32.2%	Yes	
Census Tract 7224.01	5,186	593	11.4%		No	5,181	941	18.2%		No
Census Tract 7224.02	3,803	424	11.1%		No	3,790	661	17.4%		No
Census Tract 7226	2,752	154	5.6%		No	2,740	338	12.3%		No
Census Tract 7227.02	4,196	784	18.7%	Yes		4,166	483	11.6%		No
Census Tract 7233	7,511	2,039	27.1%	Yes		7,480	1,697	22.7%		No
Census Tract 7234	3,319	422	12.7%		No	3,319	415	12.5%		No
Census Tract 7235	2,258	362	16.0%		No	2,249	600	26.7%		No
Census Tract 7260	1,497	210	14.0%		No	1,497	113	7.5%		No
Census Tract 7290	1,601	167	10.4%		No	1,601	449	28.0%	Yes	
Census Tract 7310.01	3,322	379	11.4%		No	3,311	392	11.8%		No
Census Tract 7227.01	4,672	527	11.3%		No	4,672	372	8.0%		No
Census Tract 7311.01	3,304	854	25.8%	Yes		3,264	915	28.0%	Yes	
Census Tract 7270.01	2,155	124	5.8%		No	2,145	354	16.5%		No
Census Tract 7270.02	1,315	48	3.7%		No	1,315	177	13.5%		No
Census Tract 7280	5,229	1,106	21.2%	Yes		5,229	1,169	22.4%		No
Census Tract 7150	11,055	4,477	40.5%	Yes		10,932	5,218	47.7%	Yes	
Census Tract 7152	12,485	2,169	17.4%	Yes		12,343	7,380	59.8%	Yes	
Census Tract 7153.01	8,814	1,313	14.9%		No	8,424	4,630	55.0%	Yes	
Census Tract 7153.02	6,483	480	7.4%		No	6,366	4,676	73.5%	Yes	
Census Tract 7154.01	5,300	180	3.4%		No	5,113	2,749	53.8%	Yes	
Census Tract 7154.02	5,689	114	2.0%		No	5,388	3,802	70.6%	Yes	



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 7155	13,888	1,320	9.5%		No	13,882	7,545	54.4%	Yes	
Census Tract 7156	8,643	1,435	16.6%		No	8,173	4,876	59.7%	Yes	
Census Tract 7157	10,735	1,280	11.9%		No	10,467	6,345	60.6%	Yes	
Census Tract 7158	8,681	1,744	20.1%	Yes		8,441	3,999	47.4%	Yes	
Census Tract 7159.01	2,459	959	39.0%	Yes		2,459	888	36.1%	Yes	
Census Tract 7159.02	4,547	1,596	35.1%	Yes		4,488	1,164	25.9%		No
Census Tract 7160	3,687	313	8.5%		No	3,687	988	26.8%		No
Census Tract 7220.01	5,177	948	18.3%	Yes		5,177	580	11.2%		No
Census Tract 7220.02	8,750	2,428	27.7%	Yes		8,294	2,353	28.4%	Yes	
Census Tract 7221	6,357	1,134	17.8%	Yes		6,108	798	13.1%		No
Census Tract 7130	4,636	842	18.2%	Yes		4,636	764	16.5%		No
Census Tract 7131	6,412	661	10.3%		No	6,391	752	11.8%		No
Census Tract 7132.02	3,967	716	18.0%	Yes		3,951	524	13.3%		No
Census Tract 7132.03	5,063	1,293	25.5%	Yes		5,034	1,374	27.3%	Yes	
Census Tract 7133	3,909	201	5.1%		No	3,805	964	25.3%		No
Census Tract 7134.01	5,006	999	20.0%	Yes		4,789	992	20.7%		No
Census Tract 7134.02	3,155	383	12.1%		No	3,145	762	24.2%		No
Census Tract 7135	2,784	294	10.6%		No	2,784	455	16.3%		No
Census Tract 7136	3,594	397	11.0%		No	3,594	168	4.7%		No
Census Tract 7137	2,590	278	10.7%		No	2,590	350	13.5%		No
Census Tract 7139	6,559	1,847	28.2%	Yes		6,559	1,579	24.1%		No
Census Tract 7140	6,364	1,080	17.0%	Yes		6,352	674	10.6%		No
Census Tract 7141	3,364	455	13.5%		No	3,201	728	22.7%		No
Census Tract 7142	7,586	1,310	17.3%	Yes		7,553	1,305	17.3%		No
Census Tract 7143	3,520	176	5.0%		No	3,520	443	12.6%		No
Census Tract 7222	2,398	214	8.9%		No	2,398	696	29.0%	Yes	
Census Tract 7132.01	2,447	179	7.3%		No	2,447	236	9.6%		No
Census Tract 7101	4,537	400	8.8%		No	4,529	694	15.3%		No
Census Tract 7111	4,260	408	9.6%		No	4,155	384	9.2%		No
Census Tract 7112	4,505	695	15.4%		No	4,487	225	5.0%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 7113	4,084	166	4.1%		No	4,058	433	10.7%		No
Census Tract 7114	5,749	628	10.9%		No	5,749	466	8.1%		No
Census Tract 7120	1,444	118	8.2%		No	1,426	118	8.3%		No
Census Tract 7138	3,540	593	16.8%		No	3,540	662	18.7%		No
Census Tract 7144	846	99	11.7%		No	846	148	17.5%		No
Census Tract 7381	1,564	33	2.1%		No	1,550	239	15.4%		No
Census Tract 9800	-	-	0.0%		No	-	-	0.0%		No
Census Tract 7225	1,756	99	5.6%		No	1,756	395	22.5%		No
<b>TOTAL Ocean County</b>	<b>596,415</b>	<b>91,444</b>	<b>15.3%</b>	<b>39</b>	<b>86</b>	<b>589,122</b>	<b>146,317</b>	<b>24.8%</b>	<b>31</b>	<b>94</b>

Table 17C-20

## Environmental Justice Populations: Passaic County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Passaic County, New Jersey										
Census Tract 2462.02	4,995	671	13.4%		No	4,995	172	3.4%		No
Census Tract 2462.03	3,739	772	20.6%		No	3,739	166	4.4%		No
Census Tract 2463	4,824	1,700	35.2%		No	4,796	1,338	27.9%	Yes	
Census Tract 1165	8,088	2,677	33.1%		No	7,985	1,034	12.9%		No
Census Tract 1964.01	4,137	1,032	24.9%		No	4,080	665	16.3%		No
Census Tract 1964.02	6,892	2,340	34.0%		No	6,866	687	10.0%		No
Census Tract 2366.01	4,547	1,342	29.5%		No	4,197	846	20.2%		No
Census Tract 2366.02	7,162	1,158	16.2%		No	7,162	523	7.3%		No
Census Tract 2460.02	2,981	450	15.1%		No	2,807	195	6.9%		No
Census Tract 2460.03	5,790	1,148	19.8%		No	5,615	295	5.3%		No
Census Tract 2462.01	6,345	1,298	20.5%		No	6,191	510	8.2%		No
Census Tract 2568.05	5,277	591	11.2%		No	5,246	728	13.9%		No
Census Tract 2167.01	6,936	844	12.2%		No	6,860	350	5.1%		No
Census Tract 2167.02	5,315	1,140	21.4%		No	5,306	368	6.9%		No
Census Tract 2568.02	3,624	289	8.0%		No	3,624	328	9.1%		No
Census Tract 2568.01	5,503	1,183	21.5%		No	5,464	912	16.7%		No
Census Tract 2568.03	5,234	1,371	26.2%		No	5,043	1,102	21.9%		No
Census Tract 2568.04	6,766	670	9.9%		No	6,615	661	10.0%		No
Census Tract 1244.02	5,288	3,042	57.5%	Yes		5,254	848	16.1%		No
Census Tract 1757.01	5,345	3,571	66.8%	Yes		5,345	1,711	32.0%	Yes	
Census Tract 1242	7,738	3,631	46.9%		No	7,738	1,088	14.1%		No
Census Tract 1243.11	4,909	2,139	43.6%		No	4,877	471	9.7%		No
Census Tract 1243.12	3,989	1,384	34.7%		No	3,562	467	13.1%		No
Census Tract 1243.23	3,241	1,722	53.1%	Yes		3,241	674	20.8%		No
Census Tract 1337.01	5,043	3,836	76.1%	Yes		5,043	1,225	24.3%		No
Census Tract 1337.02	3,282	1,767	53.8%	Yes		3,282	1,045	31.8%	Yes	
Census Tract 1540.01	6,146	1,437	23.4%		No	4,996	266	5.3%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1540.02	8,337	1,565	18.8%		No	8,337	1,575	18.9%		No
Census Tract 1801	7,749	6,747	87.1%	Yes		7,749	2,124	27.4%	Yes	
Census Tract 1802.01	3,874	3,559	91.9%	Yes		3,874	1,359	35.1%	Yes	
Census Tract 1802.02	7,176	6,468	90.1%	Yes		7,118	4,133	58.1%	Yes	
Census Tract 1803	6,355	5,726	90.1%	Yes		6,355	4,129	65.0%	Yes	
Census Tract 1806	4,798	4,605	96.0%	Yes		4,798	1,908	39.8%	Yes	
Census Tract 1818	2,822	2,524	89.4%	Yes		2,152	1,494	69.4%	Yes	
Census Tract 1819	4,854	3,800	78.3%	Yes		4,830	1,995	41.3%	Yes	
Census Tract 1820	1,477	1,395	94.4%	Yes		1,467	1,110	75.7%	Yes	
Census Tract 1821	3,684	3,426	93.0%	Yes		3,553	2,103	59.2%	Yes	
Census Tract 1832	3,042	2,840	93.4%	Yes		3,042	2,190	72.0%	Yes	
Census Tract 2036	5,865	4,631	79.0%	Yes		5,865	2,588	44.1%	Yes	
Census Tract 2238.01	3,053	1,109	36.3%		No	3,053	484	15.9%		No
Census Tract 2238.02	7,567	2,080	27.5%		No	7,417	555	7.5%		No
Census Tract 2239	208	77	37.0%		No	208	180	86.5%	Yes	
Census Tract 2461.01	6,598	1,728	26.2%		No	6,598	781	11.8%		No
Census Tract 2461.03	6,378	1,275	20.0%		No	6,196	401	6.5%		No
Census Tract 2461.04	3,135	514	16.4%		No	3,135	369	11.8%		No
Census Tract 2641.01	6,024	2,957	49.1%		No	6,024	1,780	29.5%	Yes	
Census Tract 2641.02	6,523	1,838	28.2%		No	6,512	1,179	18.1%		No
Census Tract 2642	4,542	4,409	97.1%	Yes		4,489	3,055	68.1%	Yes	
Census Tract 1244.01	7,946	3,094	38.9%		No	7,931	1,663	21.0%		No
Census Tract 1245	5,989	3,275	54.7%	Yes		5,989	1,275	21.3%		No
Census Tract 1246.02	4,804	2,258	47.0%		No	4,777	1,133	23.7%		No
Census Tract 1247	6,144	3,788	61.7%	Yes		6,144	2,042	33.2%	Yes	
Census Tract 1248	4,599	3,372	73.3%	Yes		4,530	1,579	34.9%	Yes	
Census Tract 1249	4,954	4,078	82.3%	Yes		4,954	2,224	44.9%	Yes	
Census Tract 1250	6,802	5,281	77.6%	Yes		6,802	2,249	33.1%	Yes	
Census Tract 1251	3,932	3,105	79.0%	Yes		3,932	1,831	46.6%	Yes	
Census Tract 1752	5,082	5,018	98.7%	Yes		5,031	3,669	72.9%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1753.01	3,629	3,455	95.2%	Yes		3,611	2,182	60.4%	Yes	
Census Tract 1753.02	4,302	4,019	93.4%	Yes		4,274	2,927	68.5%	Yes	
Census Tract 1754.01	5,875	5,583	95.0%	Yes		5,875	3,224	54.9%	Yes	
Census Tract 1754.02	4,491	4,278	95.3%	Yes		4,390	3,206	73.0%	Yes	
Census Tract 1755	7,396	7,134	96.5%	Yes		7,338	4,376	59.6%	Yes	
Census Tract 1756.01	2,517	185	7.4%		No	2,517	220	8.7%		No
Census Tract 1756.02	7,673	6,640	86.5%	Yes		7,656	2,917	38.1%	Yes	
Census Tract 1757.03	4,336	2,855	65.8%	Yes		4,336	1,189	27.4%	Yes	
Census Tract 1757.04	4,138	1,716	41.5%		No	4,078	1,351	33.1%	Yes	
Census Tract 1758.01	3,832	3,619	94.4%	Yes		3,832	2,547	66.5%	Yes	
Census Tract 1758.02	6,812	6,767	99.3%	Yes		6,812	5,007	73.5%	Yes	
Census Tract 1759	4,591	4,410	96.1%	Yes		4,591	3,373	73.5%	Yes	
Census Tract 1810	4,947	4,730	95.6%	Yes		4,947	2,678	54.1%	Yes	
Census Tract 1811	6,515	6,037	92.7%	Yes		6,515	2,719	41.7%	Yes	
Census Tract 1812	4,886	4,784	97.9%	Yes		4,886	2,189	44.8%	Yes	
Census Tract 1813	5,222	5,117	98.0%	Yes		5,222	3,022	57.9%	Yes	
Census Tract 1824	4,900	4,826	98.5%	Yes		4,900	2,469	50.4%	Yes	
Census Tract 1825	7,309	6,699	91.7%	Yes		7,099	1,998	28.1%	Yes	
Census Tract 1826	5,191	4,976	95.9%	Yes		5,191	1,649	31.8%	Yes	
Census Tract 1827	6,824	6,420	94.1%	Yes		6,824	3,556	52.1%	Yes	
Census Tract 1831.01	3,135	2,292	73.1%	Yes		3,125	1,079	34.5%	Yes	
Census Tract 1831.02	4,876	4,240	87.0%	Yes		4,862	2,064	42.5%	Yes	
Census Tract 1243.21	5,846	2,201	37.6%		No	5,814	930	16.0%		No
Census Tract 1243.22	4,387	1,702	38.8%		No	4,387	906	20.7%		No
Census Tract 1246.01	4,636	2,508	54.1%	Yes		4,436	1,543	34.8%	Yes	
Census Tract 1807	2,517	2,469	98.1%	Yes		2,517	1,383	54.9%	Yes	
Census Tract 1808	3,176	3,166	99.7%	Yes		3,176	1,913	60.2%	Yes	
Census Tract 1809	3,662	3,611	98.6%	Yes		3,662	2,285	62.4%	Yes	
Census Tract 1814	3,183	3,090	97.1%	Yes		3,183	2,231	70.1%	Yes	
Census Tract 1815	3,078	3,057	99.3%	Yes		3,078	2,293	74.5%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1817.02	2,712	2,640	97.3%	Yes		2,691	1,678	62.4%	Yes	
Census Tract 1822	3,410	3,082	90.4%	Yes		3,364	2,638	78.4%	Yes	
Census Tract 1823.01	1,544	1,478	95.7%	Yes		1,544	693	44.9%	Yes	
Census Tract 1823.02	5,973	5,938	99.4%	Yes		5,973	3,703	62.0%	Yes	
Census Tract 1828	3,648	3,527	96.7%	Yes		3,648	2,228	61.1%	Yes	
Census Tract 1829	1,895	1,820	96.0%	Yes		1,895	1,360	71.8%	Yes	
Census Tract 1830	6,734	3,882	57.6%	Yes		6,717	3,296	49.1%	Yes	
Census Tract 1433	5,490	1,822	33.2%		No	5,481	1,185	21.6%		No
Census Tract 1432	6,418	1,131	17.6%		No	6,418	793	12.4%		No
Census Tract 1434	6,876	2,906	42.3%		No	6,876	1,564	22.7%		No
Census Tract 1635	8,437	1,337	15.8%		No	8,389	929	11.1%		No
Census Tract 2460.01	6,166	2,291	37.2%		No	4,166	767	18.4%		No
Census Tract 2461.02	3,003	1,445	48.1%		No	2,962	509	17.2%		No
<b>TOTAL Passaic County</b>	<b>503,637</b>	<b>295,632</b>	<b>58.7%</b>	<b>57</b>	<b>43</b>	<b>496,049</b>	<b>162,601</b>	<b>32.8%</b>	<b>57</b>	<b>43</b>



Table 17C-21

## Environmental Justice Populations: Somerset County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Somerset County, New Jersey										
Census Tract 534.02	6,614	4,114	62.2%	Yes		6,507	481	7.4%		No
Census Tract 539.01	636	85	13.4%		No	636	64	10.1%		No
Census Tract 542.01	6,966	2,884	41.4%		No	6,913	580	8.4%		No
Census Tract 537.03	3,546	1,099	31.0%		No	3,541	136	3.8%		No
Census Tract 537.04	2,846	665	23.4%		No	2,840	71	2.5%		No
Census Tract 537.05	6,050	2,623	43.4%		No	6,050	521	8.6%		No
Census Tract 537.07	3,781	976	25.8%		No	3,629	101	2.8%		No
Census Tract 538.01	498	83	16.7%		No	496	63	12.7%		No
Census Tract 538.03	8,992	2,738	30.4%		No	8,992	479	5.3%		No
Census Tract 538.05	4,038	833	20.6%		No	4,030	290	7.2%		No
Census Tract 539.04	3,529	1,195	33.9%		No	3,529	174	4.9%		No
Census Tract 539.05	6,591	4,048	61.4%	Yes		6,591	161	2.4%		No
Census Tract 542.02	5,959	2,327	39.1%		No	5,792	357	6.2%		No
Census Tract 501	2,651	979	36.9%		No	2,388	524	21.9%		No
Census Tract 502	2,720	1,874	68.9%	Yes		2,716	672	24.7%		No
Census Tract 503	3,542	1,065	30.1%		No	3,532	315	8.9%		No
Census Tract 504	3,172	1,878	59.2%	Yes		3,172	851	26.8%		No
Census Tract 505	3,951	1,699	43.0%		No	3,950	852	21.6%		No
Census Tract 506	3,914	1,221	31.2%		No	3,896	338	8.7%		No
Census Tract 507.01	4,181	978	23.4%		No	4,139	280	6.8%		No
Census Tract 507.03	4,846	2,924	60.3%	Yes		4,827	608	12.6%		No
Census Tract 507.04	6,771	3,494	51.6%	Yes		6,771	646	9.5%		No
Census Tract 508.01	3,841	785	20.4%		No	3,710	95	2.6%		No
Census Tract 508.02	4,387	1,442	32.9%		No	4,251	306	7.2%		No
Census Tract 509.01	4,632	821	17.7%		No	4,632	295	6.4%		No
Census Tract 514	3,761	1,016	27.0%		No	3,761	790	21.0%		No
Census Tract 515	3,172	1,543	48.6%	Yes		3,172	1,102	34.7%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 516	3,297	1,192	36.2%		No	3,297	968	29.4%	Yes	
Census Tract 536.02	6,091	1,099	18.0%		No	6,091	396	6.5%		No
Census Tract 536.03	4,872	746	15.3%		No	4,865	335	6.9%		No
Census Tract 536.04	3,517	604	17.2%		No	3,517	369	10.5%		No
Census Tract 537.06	5,114	1,707	33.4%		No	5,114	430	8.4%		No
Census Tract 538.04	5,175	2,390	46.2%		No	5,175	578	11.2%		No
Census Tract 526.01	9,130	4,185	45.8%		No	9,003	364	4.0%		No
Census Tract 527	7,678	1,354	17.6%		No	7,678	413	5.4%		No
Census Tract 528	2,575	528	20.5%		No	2,271	262	11.5%		No
Census Tract 529.01	860	170	19.8%		No	857	126	14.7%		No
Census Tract 529.03	5,962	1,682	28.2%		No	5,960	493	8.3%		No
Census Tract 529.04	2,083	246	11.8%		No	1,974	249	12.6%		No
Census Tract 531.02	3,857	2,981	77.3%	Yes		3,857	680	17.6%		No
Census Tract 531.03	5,972	3,939	66.0%	Yes		5,966	740	12.4%		No
Census Tract 531.05	7,362	4,266	57.9%	Yes		7,068	606	8.6%		No
Census Tract 532	7,098	6,333	89.2%	Yes		7,098	1,722	24.3%		No
Census Tract 533	5,233	4,756	90.9%	Yes		5,233	1,774	33.9%	Yes	
Census Tract 534.03	4,529	3,179	70.2%	Yes		4,529	954	21.1%		No
Census Tract 534.04	10,682	7,635	71.5%	Yes		10,656	1,528	14.3%		No
Census Tract 535.01	4,671	1,873	40.1%		No	4,655	635	13.6%		No
Census Tract 543	9,536	4,297	45.1%		No	9,262	1,119	12.1%		No
Census Tract 509.02	3,701	842	22.8%		No	3,603	199	5.5%		No
Census Tract 509.03	5,146	1,333	25.9%		No	5,146	175	3.4%		No
Census Tract 510	6,962	3,294	47.3%		No	6,844	721	10.5%		No
Census Tract 511	3,193	2,114	66.2%	Yes		3,158	1,135	35.9%	Yes	
Census Tract 512	5,156	3,727	72.3%	Yes		5,156	840	16.3%		No
Census Tract 513	1,939	643	33.2%		No	1,938	228	11.8%		No
Census Tract 517	4,760	3,687	77.5%	Yes		4,718	1,532	32.5%	Yes	
Census Tract 518	4,074	3,264	80.1%	Yes		4,073	1,442	35.4%	Yes	
Census Tract 519	3,671	2,430	66.2%	Yes		3,667	223	6.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 520.01	4,049	2,712	67.0%	Yes		4,049	1,312	32.4%	Yes	
Census Tract 520.02	4,947	3,653	73.8%	Yes		4,947	1,510	30.5%	Yes	
Census Tract 521	7,114	3,113	43.8%		No	6,968	522	7.5%		No
Census Tract 522.03	5,307	1,486	28.0%		No	5,217	213	4.1%		No
Census Tract 530	4,534	2,646	58.4%	Yes		4,534	800	17.6%		No
Census Tract 522.01	5,497	1,502	27.3%		No	5,497	368	6.7%		No
Census Tract 522.04	4,916	1,392	28.3%		No	4,916	350	7.1%		No
Census Tract 523	6,039	1,401	23.2%		No	5,858	482	8.2%		No
Census Tract 524	5,617	954	17.0%		No	5,617	660	11.8%		No
Census Tract 526.03	4,093	742	18.1%		No	4,093	397	9.7%		No
Census Tract 541	8,242	2,675	32.5%		No	7,726	602	7.8%		No
<b>TOTAL Somerset County</b>	<b>329,838</b>	<b>144,161</b>	<b>43.7%</b>	<b>22</b>	<b>46</b>	<b>326,314</b>	<b>39,604</b>	<b>12.1%</b>	<b>8</b>	<b>60</b>

Table 17C-22

## Environmental Justice Populations: Sussex County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Sussex County, New Jersey										
Census Tract 3741	3,484	581	16.7%	Yes		3,484	439	12.6%		No
Census Tract 3742	2,281	288	12.6%		No	2,261	219	9.7%		No
Census Tract 3740	3,197	237	7.4%		No	3,188	361	11.3%		No
Census Tract 3733	3,155	696	22.1%	Yes		3,155	322	10.2%		No
Census Tract 3734	6,036	322	5.3%		No	6,013	236	3.9%		No
Census Tract 3735	3,601	292	8.1%		No	3,134	521	16.6%		No
Census Tract 3736	2,937	354	12.1%		No	2,871	430	15.0%		No
Census Tract 3738	3,745	799	21.3%	Yes		3,733	741	19.9%		No
Census Tract 3743	3,436	514	15.0%		No	3,436	312	9.1%		No
Census Tract 3744	2,257	200	8.9%		No	2,252	132	5.9%		No
Census Tract 3745	1,782	348	19.5%	Yes		1,782	230	12.9%		No
Census Tract 3746	3,346	582	17.4%	Yes		3,322	328	9.9%		No
Census Tract 3747	3,762	734	19.5%	Yes		3,733	434	11.6%		No
Census Tract 3748	4,030	850	21.1%	Yes		4,015	445	11.1%		No
Census Tract 3749	4,707	1,623	34.5%	Yes		4,645	700	15.1%		No
Census Tract 3711	3,913	325	8.3%		No	3,913	510	13.0%		No
Census Tract 3712	1,870	232	12.4%		No	1,865	578	31.0%	Yes	
Census Tract 3718	7,012	617	8.8%		No	7,012	1,069	15.2%		No
Census Tract 3720	2,919	136	4.7%		No	2,919	315	10.8%		No
Census Tract 3721	1,960	240	12.2%		No	1,949	278	14.3%		No
Census Tract 3722	1,962	143	7.3%		No	1,962	189	9.6%		No
Census Tract 3723	4,164	403	9.7%		No	4,057	781	19.3%		No
Census Tract 3724	2,328	190	8.2%		No	2,317	352	15.2%		No
Census Tract 3725	3,152	549	17.4%	Yes		3,140	665	21.2%		No
Census Tract 3729	3,038	240	7.9%		No	3,034	1,102	36.3%	Yes	
Census Tract 3730	2,317	439	18.9%	Yes		2,309	221	9.6%		No
Census Tract 3731	6,007	1,198	19.9%	Yes		5,994	561	9.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 3737	4,165	1,053	25.3%	Yes		3,833	1,030	26.9%		No
Census Tract 3719	2,005	192	9.6%		No	2,005	237	11.8%		No
Census Tract 3739	3,911	129	3.3%		No	3,911	632	16.2%		No
Census Tract 3732	3,522	319	9.1%		No	3,522	254	7.2%		No
Census Tract 3713	3,284	440	13.4%		No	3,284	480	14.6%		No
Census Tract 3714	2,891	406	14.0%		No	2,890	166	5.7%		No
Census Tract 3715.02	5,135	745	14.5%		No	5,135	272	5.3%		No
Census Tract 3715.03	2,910	635	21.8%	Yes		2,910	274	9.4%		No
Census Tract 3716	2,723	275	10.1%		No	2,720	475	17.5%		No
Census Tract 3717	5,273	777	14.7%		No	5,235	476	9.1%		No
Census Tract 3726	4,697	516	11.0%		No	4,697	354	7.5%		No
Census Tract 3727	3,148	257	8.2%		No	3,148	520	16.5%		No
Census Tract 3728	1,740	281	16.1%	Yes		1,739	291	16.7%		No
Census Tract 3710	3,681	245	6.7%		No	3,670	1,202	32.8%	Yes	
<b>TOTAL Sussex County</b>	<b>141,483</b>	<b>19,402</b>	<b>13.7%</b>	<b>14</b>	<b>27</b>	<b>140,194</b>	<b>19,134</b>	<b>13.6%</b>	<b>3</b>	<b>38</b>

Table 17C-23

## Environmental Justice Populations: Warren County, NJ

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Warren County, New Jersey										
Census Tract 316.01	4,696	573	12.2%		No	4,553	1,044	22.9%		No
Census Tract 316.02	2,431	319	13.1%		No	2,417	426	17.6%		No
Census Tract 317	2,590	263	10.2%		No	2,590	749	28.9%	Yes	
Census Tract 318	2,737	189	6.9%		No	2,737	394	14.4%		No
Census Tract 319	6,395	590	9.2%		No	6,380	710	11.1%		No
Census Tract 320	6,490	1,658	25.5%	Yes		6,468	1,634	25.3%		No
Census Tract 321.01	3,050	189	6.2%		No	3,050	438	14.4%		No
Census Tract 321.02	5,480	1,306	23.8%	Yes		5,468	775	14.2%		No
Census Tract 306	3,706	920	24.8%	Yes		3,706	1,320	35.6%	Yes	
Census Tract 307	4,575	1,563	34.2%	Yes		4,522	1,750	38.7%	Yes	
Census Tract 308	3,083	805	26.1%	Yes		3,009	1,190	39.5%	Yes	
Census Tract 309	2,980	1,235	41.4%	Yes		2,980	1,246	41.8%	Yes	
Census Tract 322	8,295	1,483	17.9%		No	8,118	1,210	14.9%		No
Census Tract 323	3,208	282	8.8%		No	3,208	419	13.1%		No
Census Tract 324	2,082	196	9.4%		No	2,073	273	13.2%		No
Census Tract 311.01	5,732	651	11.4%		No	5,732	531	9.3%		No
Census Tract 312	7,512	559	7.4%		No	7,452	563	7.6%		No
Census Tract 314.02	4,783	1,354	28.3%	Yes		4,148	1,161	28.0%	Yes	
Census Tract 315	7,397	1,766	23.9%	Yes		7,281	1,449	19.9%		No
Census Tract 311.02	3,891	357	9.2%		No	3,779	630	16.7%		No
Census Tract 313.01	5,450	1,057	19.4%		No	5,439	616	11.3%		No
Census Tract 313.02	4,597	651	14.2%		No	4,597	495	10.8%		No
Census Tract 314.01	4,702	1,433	30.5%	Yes		4,567	931	20.4%		No
TOTAL Warren County	105,862	19,399	18.3%	9	14	104,274	19,954	19.1%	6	17



Table 17C-24

## Environmental Justice Populations: Dutchess County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Dutchess County, New York										
Census Tract 602.01	3,524	1,027	29.1%		No	3,516	592	16.8%		No
Census Tract 602.02	4,535	1,421	31.3%		No	4,498	1,265	28.1%	Yes	
Census Tract 1903.01	3,589	1,146	31.9%	Yes		3,579	520	14.5%		No
Census Tract 1904.01	2,227	712	32.0%	Yes		2,221	578	26.0%		No
Census Tract 2103.01	4,275	1,085	25.4%		No	4,223	731	17.3%		No
Census Tract 6400.01	1,442	1,124	77.9%	Yes		-	-	0.0%		No
Census Tract 6400.02	1,442	1,022	70.9%	Yes		37	28	75.7%	Yes	
Census Tract 601	4,710	2,123	45.1%	Yes		4,440	575	13.0%		No
Census Tract 2101.01	5,319	1,876	35.3%	Yes		5,160	1,521	29.5%	Yes	
Census Tract 2102.01	3,863	2,134	55.2%	Yes		3,854	1,005	26.1%		No
Census Tract 1405	2,750	1,145	41.6%	Yes		2,711	453	16.7%		No
Census Tract 1406.02	2,850	910	31.9%	Yes		2,850	522	18.3%		No
Census Tract 1408.01	2,725	319	11.7%		No	2,725	787	28.9%	Yes	
Census Tract 501.02	3,838	954	24.9%		No	3,838	696	18.1%		No
Census Tract 501.03	5,583	621	11.1%		No	5,583	531	9.5%		No
Census Tract 501.04	6,416	1,397	21.8%		No	6,353	854	13.4%		No
Census Tract 502.03	4,866	1,063	21.8%		No	4,866	799	16.4%		No
Census Tract 502.04	2,942	683	23.2%		No	2,925	430	14.7%		No
Census Tract 802.02	2,761	609	22.1%		No	2,721	217	8.0%		No
Census Tract 603.01	4,122	797	19.3%		No	3,976	553	13.9%		No
Census Tract 603.02	2,539	870	34.3%	Yes		2,511	436	17.4%		No
Census Tract 604	2,014	499	24.8%		No	1,986	465	23.4%		No
Census Tract 802.01	4,000	692	17.3%		No	4,000	279	7.0%		No
Census Tract 1404	5,323	1,152	21.6%		No	5,293	592	11.2%		No
Census Tract 1407	6,921	2,004	29.0%		No	6,912	493	7.1%		No
Census Tract 1901.01	3,610	819	22.7%		No	3,601	284	7.9%		No
Census Tract 1901.02	1,841	314	17.1%		No	1,765	320	18.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1902.03	2,530	971	38.4%	Yes		2,530	463	18.3%		No
Census Tract 1902.04	4,995	1,267	25.4%		No	4,994	364	7.3%		No
Census Tract 1904.02	3,245	1,082	33.3%	Yes		3,224	771	23.9%		No
Census Tract 3000	5,648	2,326	41.2%	Yes		5,591	1,811	32.4%	Yes	
Census Tract 200.04	2,923	597	20.4%		No	2,831	140	4.9%		No
Census Tract 200.05	5,023	675	13.4%		No	5,023	332	6.6%		No
Census Tract 1100.03	4,340	575	13.2%		No	4,331	330	7.6%		No
Census Tract 1100.05	2,029	542	26.7%		No	2,029	459	22.6%		No
Census Tract 6100	2,106	1,739	82.6%	Yes		80	5	6.3%		No
Census Tract 200.03	4,391	931	21.2%		No	4,385	791	18.0%		No
Census Tract 502.05	5,654	846	15.0%		No	5,644	516	9.1%		No
Census Tract 702.01	2,826	564	20.0%		No	2,795	674	24.1%		No
Census Tract 1401.01	6,028	2,120	35.2%	Yes		3,763	1,117	29.7%	Yes	
Census Tract 2201	4,764	2,870	60.2%	Yes		4,619	2,084	45.1%	Yes	
Census Tract 2202.01	3,522	2,597	73.7%	Yes		3,082	1,586	51.5%	Yes	
Census Tract 2207	2,537	1,704	67.2%	Yes		2,537	1,074	42.3%	Yes	
Census Tract 2208.01	3,684	1,501	40.7%	Yes		3,494	1,707	48.9%	Yes	
Census Tract 1800.01	4,616	551	11.9%		No	4,616	772	16.7%		No
Census Tract 2000.01	3,179	581	18.3%		No	3,046	688	22.6%		No
Census Tract 2000.02	1,443	243	16.8%		No	1,435	415	28.9%	Yes	
Census Tract 300	4,215	343	8.1%		No	4,205	718	17.1%		No
Census Tract 801.03	4,864	816	16.8%		No	4,856	482	9.9%		No
Census Tract 801.04	3,952	662	16.8%		No	3,931	273	6.9%		No
Census Tract 1300.03	5,473	1,076	19.7%		No	5,457	1,124	20.6%		No
Census Tract 1300.04	1,595	132	8.3%		No	1,587	255	16.1%		No
Census Tract 1300.05	2,635	354	13.4%		No	2,635	765	29.0%	Yes	
Census Tract 701.02	3,492	858	24.6%		No	3,396	738	21.7%		No
Census Tract 703.01	5,654	1,495	26.4%		No	5,649	937	16.6%		No
Census Tract 1402	6,657	1,846	27.7%		No	6,510	1,416	21.8%		No
Census Tract 1403	5,772	2,634	45.6%	Yes		5,455	1,488	27.3%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 4100	4,126	1,504	36.5%	Yes		2,114	461	21.8%		No
Census Tract 701.01	4,469	766	17.1%		No	4,159	1,061	25.5%		No
Census Tract 704.01	4,513	1,403	31.1%		No	2,811	396	14.1%		No
Census Tract 2203	4,708	3,841	81.6%	Yes		4,693	2,458	52.4%	Yes	
Census Tract 2209.01	3,991	2,285	57.3%	Yes		3,991	1,504	37.7%	Yes	
Census Tract 2210.01	3,779	1,028	27.2%		No	3,779	330	8.7%		No
Census Tract 2211	3,396	2,169	63.9%	Yes		3,396	2,235	65.8%	Yes	
Census Tract 1200	2,353	131	5.6%		No	2,353	726	30.9%	Yes	
Census Tract 1700	3,743	602	16.1%		No	3,675	711	19.3%		No
Census Tract 900	2,402	375	15.6%		No	2,392	386	16.1%		No
Census Tract 1500.04	3,481	444	12.8%		No	3,439	578	16.8%		No
Census Tract 1500.05	2,705	354	13.1%		No	2,556	602	23.6%		No
Census Tract 1500.06	1,899	225	11.8%		No	1,899	656	34.5%	Yes	
Census Tract 1600.03	2,663	357	13.4%		No	2,408	418	17.4%		No
Census Tract 1600.04	2,539	230	9.1%		No	2,424	421	17.4%		No
Census Tract 1600.05	2,570	387	15.1%		No	2,404	652	27.1%	Yes	
Census Tract 1500.03	3,069	628	20.5%		No	1,581	450	28.5%	Yes	
Census Tract 400.03	3,904	1,277	32.7%	Yes		3,904	1,427	36.6%	Yes	
Census Tract 1100.04	1,887	403	21.4%		No	1,773	528	29.8%	Yes	
Census Tract 100	4,303	1,032	24.0%		No	4,192	1,807	43.1%	Yes	
Census Tract 400.01	4,492	811	18.1%		No	4,492	1,038	23.1%		No
Census Tract 1000	2,943	545	18.5%		No	2,925	788	26.9%	Yes	
<b>TOTAL Dutchess County</b>	<b>293,754</b>	<b>83,813</b>	<b>28.5%</b>	<b>25</b>	<b>54</b>	<b>277,234</b>	<b>59,454</b>	<b>21.4%</b>	<b>24</b>	<b>55</b>

Table 17C-25

## Environmental Justice Populations: Orange County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Orange County, New York										
Census Tract 148	5,789	1,046	18.1%		No	5,789	551	9.5%		No
Census Tract 145.02	5,450	328	6.0%		No	5,450	554	10.2%		No
Census Tract 146	7,082	1,057	14.9%		No	6,971	1,218	17.5%		No
Census Tract 21	3,437	1,055	30.7%		No	3,377	1,209	35.8%	Yes	
Census Tract 22	2,757	628	22.8%		No	2,743	1,098	40.0%	Yes	
Census Tract 23	2,401	516	21.5%		No	2,387	1,014	42.5%	Yes	
Census Tract 116.01	4,187	766	18.3%		No	4,048	1,175	29.0%	Yes	
Census Tract 116.02	3,555	697	19.6%		No	3,544	1,038	29.3%	Yes	
Census Tract 117.01	4,689	925	19.7%		No	4,668	548	11.7%		No
Census Tract 13	3,255	1,455	44.7%	Yes		3,176	614	19.3%		No
Census Tract 16	7,377	4,861	65.9%	Yes		7,265	1,872	25.8%		No
Census Tract 115	6,731	2,291	34.0%		No	5,394	1,362	25.3%		No
Census Tract 117.02	4,492	974	21.7%		No	4,492	1,103	24.6%		No
Census Tract 118.01	4,642	1,475	31.8%		No	4,642	1,330	28.7%	Yes	
Census Tract 118.02	2,626	403	15.3%		No	2,625	253	9.6%		No
Census Tract 145.01	4,159	572	13.8%		No	4,148	348	8.4%		No
Census Tract 151	6,568	4,743	72.2%	Yes		6,543	3,503	53.5%	Yes	
Census Tract 121	3,755	1,361	36.2%		No	3,610	1,244	34.5%	Yes	
Census Tract 122	3,678	825	22.4%		No	3,620	333	9.2%		No
Census Tract 123	5,467	898	16.4%		No	5,356	524	9.8%		No
Census Tract 143.01	5,006	2,262	45.2%	Yes		4,996	1,316	26.3%		No
Census Tract 143.02	7,017	1,841	26.2%		No	6,887	744	10.8%		No
Census Tract 147	4,220	929	22.0%		No	4,202	513	12.2%		No
Census Tract 11	4,242	2,852	67.2%	Yes		4,242	1,094	25.8%		No
Census Tract 12	2,251	1,773	78.8%	Yes		2,232	1,150	51.5%	Yes	
Census Tract 15	4,537	3,359	74.0%	Yes		4,537	1,687	37.2%	Yes	
Census Tract 112	4,122	2,037	49.4%	Yes		3,963	981	24.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 113	8,383	5,552	66.2%	Yes		8,261	2,309	28.0%	Yes	
Census Tract 119	6,558	1,759	26.8%		No	4,972	412	8.3%		No
Census Tract 144	4,517	1,041	23.0%		No	4,510	617	13.7%		No
Census Tract 109.01	3,303	853	25.8%		No	3,275	736	22.5%		No
Census Tract 109.02	5,899	971	16.5%		No	5,883	1,044	17.7%		No
Census Tract 110	4,901	1,552	31.7%		No	4,867	1,196	24.6%		No
Census Tract 111.01	2,608	1,549	59.4%	Yes		2,601	361	13.9%		No
Census Tract 111.02	4,217	2,298	54.5%	Yes		4,210	927	22.0%		No
Census Tract 114	4,090	1,207	29.5%		No	4,069	659	16.2%		No
Census Tract 149	3,534	795	22.5%		No	3,534	562	15.9%		No
Census Tract 132.01	5,228	1,457	27.9%		No	5,220	561	10.7%		No
Census Tract 135	6,147	2,345	38.1%		No	6,147	1,216	19.8%		No
Census Tract 139	4,663	1,454	31.2%		No	4,660	317	6.8%		No
Census Tract 141.02	5,945	3,471	58.4%	Yes		5,945	1,346	22.6%		No
Census Tract 132.02	2,217	785	35.4%		No	2,217	293	13.2%		No
Census Tract 133	6,868	1,350	19.7%		No	6,837	627	9.2%		No
Census Tract 134	3,293	1,077	32.7%		No	3,293	505	15.3%		No
Census Tract 141.01	4,405	2,428	55.1%	Yes		4,375	1,350	30.9%	Yes	
Census Tract 142.01	3,682	917	24.9%		No	3,682	772	21.0%		No
Census Tract 142.02	5,928	1,919	32.4%		No	5,904	549	9.3%		No
Census Tract 150.03	6,396	201	3.1%		No	6,390	4,754	74.4%	Yes	
Census Tract 150.04	7,389	98	1.3%		No	7,353	5,643	76.7%	Yes	
Census Tract 150.05	5,127	225	4.4%		No	5,127	3,941	76.9%	Yes	
Census Tract 150.06	6,353	74	1.2%		No	6,072	5,095	83.9%	Yes	
Census Tract 137	2,614	1,288	49.3%	Yes		2,614	395	15.1%		No
Census Tract 126.02	3,031	1,725	56.9%	Yes		3,031	876	28.9%	Yes	
Census Tract 129	2,858	301	10.5%		No	2,855	168	5.9%		No
Census Tract 130	4,559	1,094	24.0%		No	4,559	786	17.2%		No
Census Tract 131	5,028	703	14.0%		No	4,983	216	4.3%		No
Census Tract 136	6,383	1,921	30.1%		No	3,307	111	3.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 138	3,168	1,032	32.6%		No	3,168	450	14.2%		No
Census Tract 101.01	4,711	1,174	24.9%		No	4,668	304	6.5%		No
Census Tract 105	8,112	4,000	49.3%	Yes		7,860	1,352	17.2%		No
Census Tract 152	10,722	4,149	38.7%		No	10,433	1,624	15.6%		No
Census Tract 106	7,183	1,785	24.9%		No	7,086	1,225	17.3%		No
Census Tract 107	6,724	2,059	30.6%		No	6,718	1,579	23.5%		No
Census Tract 108.01	4,285	1,325	30.9%		No	4,285	820	19.1%		No
Census Tract 108.02	5,684	1,261	22.2%		No	5,611	1,203	21.4%		No
Census Tract 4	4,392	3,453	78.6%	Yes		4,245	2,748	64.7%	Yes	
Census Tract 102	5,104	1,558	30.5%		No	5,104	671	13.1%		No
Census Tract 1	3,437	1,784	51.9%	Yes		2,709	1,046	38.6%	Yes	
Census Tract 2	2,974	1,933	65.0%	Yes		2,966	1,353	45.6%	Yes	
Census Tract 3	6,903	6,051	87.7%	Yes		6,846	3,491	51.0%	Yes	
Census Tract 5.01	2,842	2,348	82.6%	Yes		2,839	1,516	53.4%	Yes	
Census Tract 5.02	3,763	3,164	84.1%	Yes		3,756	1,950	51.9%	Yes	
Census Tract 6	4,022	3,471	86.3%	Yes		4,015	2,445	60.9%	Yes	
Census Tract 101.02	5,520	2,153	39.0%		No	5,508	727	13.2%		No
Census Tract 103	3,585	1,210	33.8%		No	3,549	590	16.6%		No
Census Tract 104	3,795	1,580	41.6%	Yes		3,795	475	12.5%		No
Census Tract 126.01	4,503	2,232	49.6%	Yes		4,503	612	13.6%		No
Census Tract 127	4,135	2,117	51.2%	Yes		4,135	1,371	33.2%	Yes	
Census Tract 128	4,905	1,728	35.2%		No	4,883	1,117	22.9%		No
<b>TOTAL Orange County</b>	<b>380,085</b>	<b>135,906</b>	<b>35.8%</b>	<b>26</b>	<b>53</b>	<b>370,342</b>	<b>95,389</b>	<b>25.8%</b>	<b>25</b>	<b>54</b>



Table 17C-26

## Environmental Justice Populations: Putnam County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Putnam County, New York										
Census Tract 107	2,433	286	11.8%		No	2,433	459	18.9%		No
Census Tract 108	3,457	702	20.3%		No	3,457	435	12.6%		No
Census Tract 110	4,066	758	18.6%		No	4,061	464	11.4%		No
Census Tract 111	5,152	785	15.2%		No	5,152	604	11.7%		No
Census Tract 112	7,290	1,248	17.1%		No	7,104	661	9.3%		No
Census Tract 109	7,531	1,795	23.8%	Yes		7,531	899	11.9%		No
Census Tract 106	3,825	303	7.9%		No	3,825	428	11.2%		No
Census Tract 103	4,804	1,489	31.0%	Yes		4,800	544	11.3%		No
Census Tract 104	3,263	837	25.7%	Yes		3,255	325	10.0%		No
Census Tract 115	6,345	1,162	18.3%		No	6,183	411	6.6%		No
Census Tract 116	6,129	787	12.8%		No	6,090	829	13.6%		No
Census Tract 117	4,930	823	16.7%		No	4,919	577	11.7%		No
Census Tract 118	8,139	3,375	41.5%	Yes		8,128	1,514	18.6%		No
Census Tract 113	4,069	543	13.3%		No	4,069	573	14.1%		No
Census Tract 114	5,225	756	14.5%		No	5,225	481	9.2%		No
Census Tract 102	8,411	1,873	22.3%		No	7,661	1,624	21.2%		No
Census Tract 105	5,179	956	18.5%		No	5,061	547	10.8%		No
Census Tract 119	5,084	1,345	26.5%	Yes		4,947	587	11.9%		No
Census Tract 101	3,455	1,204	34.8%	Yes		3,411	358	10.5%		No
TOTAL Putnam County	98,787	21,027	21.3%	6	13	97,312	12,320	12.7%	-	19

Table 17C-27

## Environmental Justice Populations: Rockland County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Rockland County, New York										
Census Tract 134.01	4,787	1,407	29.4%		No	4,765	793	16.6%		No
Census Tract 134.02	3,771	1,005	26.7%		No	3,771	336	8.9%		No
Census Tract 130.01	2,917	706	24.2%		No	2,714	516	19.0%		No
Census Tract 105.03	2,429	1,137	46.8%	Yes		2,429	401	16.5%		No
Census Tract 116.01	3,352	355	10.6%		No	3,352	335	10.0%		No
Census Tract 116.02	5,830	1,127	19.3%		No	5,762	1,182	20.5%		No
Census Tract 116.03	5,409	1,409	26.0%		No	5,239	850	16.2%		No
Census Tract 119.01	3,968	1,820	45.9%	Yes		3,789	559	14.8%		No
Census Tract 119.02	3,207	1,410	44.0%	Yes		3,207	849	26.5%		No
Census Tract 120	3,768	634	16.8%		No	3,768	360	9.6%		No
Census Tract 117	3,116	649	20.8%		No	3,111	340	10.9%		No
Census Tract 118	918	583	63.5%	Yes		918	296	32.2%	Yes	
Census Tract 109.02	4,090	1,610	39.4%		No	4,090	567	13.9%		No
Census Tract 111.01	5,896	2,209	37.5%		No	5,667	619	10.9%		No
Census Tract 111.02	6,217	3,120	50.2%	Yes		6,205	1,192	19.2%		No
Census Tract 130.03	2,854	703	24.6%		No	2,373	394	16.6%		No
Census Tract 131	6,309	3,177	50.4%	Yes		6,309	1,738	27.5%	Yes	
Census Tract 132	3,387	1,217	35.9%		No	2,724	452	16.6%		No
Census Tract 108.04	4,261	1,486	34.9%		No	4,054	339	8.4%		No
Census Tract 109.01	4,809	1,168	24.3%		No	4,809	179	3.7%		No
Census Tract 112	6,609	1,488	22.5%		No	6,609	198	3.0%		No
Census Tract 113.03	5,622	1,914	34.0%		No	5,622	685	12.2%		No
Census Tract 114.03	5,690	1,414	24.9%		No	5,690	377	6.6%		No
Census Tract 128	6,891	1,001	14.5%		No	6,891	589	8.5%		No
Census Tract 130.02	5,433	1,307	24.1%		No	4,968	347	7.0%		No
Census Tract 113.01	7,704	5,969	77.5%	Yes		7,497	3,100	41.3%	Yes	
Census Tract 113.02	5,244	1,630	31.1%		No	5,238	723	13.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 114.01	4,250	1,385	32.6%		No	4,241	220	5.2%		No
Census Tract 114.04	4,181	1,952	46.7%	Yes		4,181	554	13.3%		No
Census Tract 114.05	4,487	2,767	61.7%	Yes		4,487	412	9.2%		No
Census Tract 115.04	7,273	6,438	88.5%	Yes		7,108	1,664	23.4%		No
Census Tract 115.05	3,313	182	5.5%		No	3,309	2,700	81.6%	Yes	
Census Tract 115.06	5,621	255	4.5%		No	5,448	4,584	84.1%	Yes	
Census Tract 121.01	6,345	594	9.4%		No	6,308	3,890	61.7%	Yes	
Census Tract 121.02	9,503	141	1.5%		No	9,468	8,046	85.0%	Yes	
Census Tract 121.03	5,899	17	0.3%		No	5,899	3,841	65.1%	Yes	
Census Tract 121.05	6,508	344	5.3%		No	6,398	5,138	80.3%	Yes	
Census Tract 121.06	4,808	1,009	21.0%		No	4,808	3,041	63.2%	Yes	
Census Tract 122.02	6,527	6,194	94.9%	Yes		6,525	3,689	56.5%	Yes	
Census Tract 122.03	3,375	111	3.3%		No	3,375	1,960	58.1%	Yes	
Census Tract 122.04	3,908	237	6.1%		No	3,908	2,311	59.1%	Yes	
Census Tract 123	6,283	4,356	69.3%	Yes		6,133	3,862	63.0%	Yes	
Census Tract 124.01	4,989	3,367	67.5%	Yes		4,989	1,759	35.3%	Yes	
Census Tract 124.02	5,377	4,893	91.0%	Yes		5,283	2,040	38.6%	Yes	
Census Tract 125.01	5,088	1,015	19.9%		No	5,045	1,798	35.6%	Yes	
Census Tract 125.02	5,513	1,887	34.2%		No	5,503	1,502	27.3%	Yes	
Census Tract 126	6,478	1,696	26.2%		No	6,459	436	6.8%		No
Census Tract 127	4,542	981	21.6%		No	4,542	828	18.2%		No
Census Tract 101.02	4,755	1,528	32.1%		No	4,755	491	10.3%		No
Census Tract 102	4,538	1,483	32.7%		No	4,519	752	16.6%		No
Census Tract 105.01	4,922	2,139	43.5%	Yes		4,922	411	8.4%		No
Census Tract 106.01	3,960	2,715	68.6%	Yes		3,899	1,206	30.9%	Yes	
Census Tract 106.02	6,663	5,079	76.2%	Yes		6,623	2,106	31.8%	Yes	
Census Tract 107.01	4,376	3,004	68.6%	Yes		4,215	1,221	29.0%	Yes	
Census Tract 107.02	3,953	3,647	92.3%	Yes		3,953	1,534	38.8%	Yes	
Census Tract 107.03	3,736	2,987	80.0%	Yes		3,736	1,701	45.5%	Yes	
Census Tract 108.01	4,558	1,095	24.0%		No	4,558	399	8.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 108.02	5,195	1,235	23.8%		No	5,195	418	8.0%		No
Census Tract 108.03	5,413	1,686	31.1%		No	5,413	508	9.4%		No
Census Tract 105.02	7,075	4,330	61.2%	Yes		7,075	2,495	35.3%	Yes	
Census Tract 115.01	7,818	775	9.9%		No	7,812	1,355	17.3%		No
Census Tract 115.02	7,844	3,655	46.6%	Yes		7,781	1,752	22.5%		No
Census Tract 133	2,540	581	22.9%		No	2,539	406	16.0%		No
Census Tract 110	2,262	481	21.3%		No	2,091	203	9.7%		No
Census Tract 101.01	6,058	1,711	28.2%		No	6,058	925	15.3%		No
<b>TOTAL Rockland County</b>	<b>324,422</b>	<b>119,607</b>	<b>36.9%</b>	<b>22</b>	<b>43</b>	<b>320,132</b>	<b>90,474</b>	<b>28.3%</b>	<b>24</b>	<b>41</b>

Table 17C-28

## Environmental Justice Populations: Suffolk County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Suffolk County, New York										
Census Tract 1232.01	2,252	1,688	75.0%	Yes		2,217	565	25.5%		No
Census Tract 1233.01	7,687	7,237	94.1%	Yes		7,624	1,722	22.6%		No
Census Tract 1111	7,898	5,311	67.2%	Yes		7,851	2,998	38.2%	Yes	
Census Tract 1119	5,055	814	16.1%		No	5,041	465	9.2%		No
Census Tract 1122.06	7,581	1,047	13.8%		No	7,303	561	7.7%		No
Census Tract 1235	6,278	2,514	40.0%	Yes		5,842	1,601	27.4%	Yes	
Census Tract 1236	3,277	264	8.1%		No	3,268	214	6.5%		No
Census Tract 1237.01	7,272	5,895	81.1%	Yes		7,148	2,290	32.0%	Yes	
Census Tract 1237.02	8,532	4,229	49.6%	Yes		8,526	2,903	34.0%	Yes	
Census Tract 1238.01	3,931	1,000	25.4%		No	3,931	617	15.7%		No
Census Tract 1241.01	4,184	873	20.9%		No	4,178	496	11.9%		No
Census Tract 1244.02	3,629	444	12.2%		No	3,629	98	2.7%		No
Census Tract 1238.02	3,826	1,204	31.5%		No	3,814	884	23.2%		No
Census Tract 1241.02	3,496	737	21.1%		No	3,496	655	18.7%		No
Census Tract 1242	5,357	1,168	21.8%		No	5,324	662	12.4%		No
Census Tract 1244.01	3,474	341	9.8%		No	3,206	594	18.5%		No
Census Tract 1223	3,916	1,312	33.5%		No	3,442	602	17.5%		No
Census Tract 1224.04	3,412	1,247	36.5%	Yes		3,390	497	14.7%		No
Census Tract 1225.02	4,931	4,699	95.3%	Yes		4,919	442	9.0%		No
Census Tract 1229.01	6,316	1,911	30.3%		No	6,139	860	14.0%		No
Census Tract 1229.02	4,313	583	13.5%		No	4,292	570	13.3%		No
Census Tract 1230.01	5,713	2,039	35.7%		No	5,713	669	11.7%		No
Census Tract 1230.02	4,690	1,915	40.8%	Yes		4,618	840	18.2%		No
Census Tract 1232.02	8,558	7,934	92.7%	Yes		8,541	1,870	21.9%		No
Census Tract 1233.02	2,025	1,924	95.0%	Yes		1,978	633	32.0%	Yes	
Census Tract 1234.01	4,258	1,765	41.5%	Yes		4,250	890	20.9%		No
Census Tract 1234.02	6,366	1,933	30.4%		No	6,366	878	13.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1239	5,634	1,867	33.1%		No	5,569	833	15.0%		No
Census Tract 1240.01	5,051	1,234	24.4%		No	5,032	907	18.0%		No
Census Tract 1240.02	3,257	1,019	31.3%		No	3,257	302	9.3%		No
Census Tract 1243	6,593	1,695	25.7%		No	6,385	1,496	23.4%		No
Census Tract 1467.04	2,050	257	12.5%		No	2,050	282	13.8%		No
Census Tract 1467.05	2,862	317	11.1%		No	2,862	320	11.2%		No
Census Tract 1467.06	2,609	246	9.4%		No	2,596	205	7.9%		No
Census Tract 1468	6,174	707	11.5%		No	6,118	954	15.6%		No
Census Tract 1469.01	5,123	294	5.7%		No	5,123	373	7.3%		No
Census Tract 1469.02	3,769	198	5.3%		No	3,421	373	10.9%		No
Census Tract 1470.01	4,257	451	10.6%		No	4,257	240	5.6%		No
Census Tract 1470.03	4,801	892	18.6%		No	4,801	375	7.8%		No
Census Tract 1471	3,075	381	12.4%		No	3,068	227	7.4%		No
Census Tract 1231.01	3,170	670	21.1%		No	3,149	384	12.2%		No
Census Tract 1231.02	4,129	1,066	25.8%		No	4,129	772	18.7%		No
Census Tract 1245	5,075	706	13.9%		No	5,075	373	7.3%		No
Census Tract 1246.01	2,637	240	9.1%		No	2,637	305	11.6%		No
Census Tract 1246.02	4,344	387	8.9%		No	4,344	534	12.3%		No
Census Tract 1121.03	4,569	685	15.0%		No	4,147	852	20.5%		No
Census Tract 1122.11	4,437	950	21.4%		No	4,425	304	6.9%		No
Census Tract 1227.07	3,119	963	30.9%		No	3,119	536	17.2%		No
Census Tract 1228.01	5,072	3,067	60.5%	Yes		5,022	1,127	22.4%		No
Census Tract 1352.01	2,116	130	6.1%		No	2,116	150	7.1%		No
Census Tract 1352.05	5,060	696	13.8%		No	5,060	379	7.5%		No
Census Tract 1352.08	3,091	275	8.9%		No	3,091	174	5.6%		No
Census Tract 1456.02	6,903	6,268	90.8%	Yes		6,823	1,861	27.3%	Yes	
Census Tract 1456.03	6,442	5,524	85.7%	Yes		6,360	1,936	30.4%	Yes	
Census Tract 1456.04	4,645	4,008	86.3%	Yes		4,600	1,841	40.0%	Yes	
Census Tract 1459.01	3,158	1,840	58.3%	Yes		3,131	605	19.3%		No
Census Tract 1459.02	10,721	9,389	87.6%	Yes		10,645	3,137	29.5%	Yes	



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1459.03	5,411	2,198	40.6%	Yes		5,392	1,323	24.5%		No
Census Tract 1460.01	6,018	5,033	83.6%	Yes		5,874	1,555	26.5%		No
Census Tract 1460.02	5,924	4,963	83.8%	Yes		5,870	1,856	31.6%	Yes	
Census Tract 1467.03	4,117	2,089	50.7%	Yes		4,072	470	11.5%		No
Census Tract 2011	6,037	4,432	73.4%	Yes		5,496	1,438	26.2%		No
Census Tract 1112.01	3,481	1,977	56.8%	Yes		3,339	958	28.7%	Yes	
Census Tract 1112.02	5,371	2,184	40.7%	Yes		5,371	1,262	23.5%		No
Census Tract 1114.02	4,842	1,097	22.7%		No	4,826	619	12.8%		No
Census Tract 1115.06	3,630	1,335	36.8%	Yes		3,595	709	19.7%		No
Census Tract 1120.01	5,475	1,441	26.3%		No	5,426	611	11.3%		No
Census Tract 1120.02	4,847	925	19.1%		No	4,659	726	15.6%		No
Census Tract 1121.02	3,805	803	21.1%		No	3,805	79	2.1%		No
Census Tract 1121.04	2,109	571	27.1%		No	2,102	214	10.2%		No
Census Tract 1122.04	3,916	624	15.9%		No	3,903	403	10.3%		No
Census Tract 1122.1	6,915	2,118	30.6%		No	6,902	450	6.5%		No
Census Tract 1122.12	3,568	1,089	30.5%		No	3,407	263	7.7%		No
Census Tract 1122.13	5,091	2,129	41.8%	Yes		5,037	425	8.4%		No
Census Tract 1122.14	6,219	1,519	24.4%		No	6,219	851	13.7%		No
Census Tract 1224.03	2,296	1,818	79.2%	Yes		2,296	302	13.2%		No
Census Tract 1224.05	3,447	2,952	85.6%	Yes		3,380	476	14.1%		No
Census Tract 1224.06	4,997	4,936	98.8%	Yes		4,973	1,909	38.4%	Yes	
Census Tract 1225.01	4,832	4,665	96.5%	Yes		4,768	2,604	54.6%	Yes	
Census Tract 1226.01	5,886	2,368	40.2%	Yes		5,813	626	10.8%		No
Census Tract 1226.02	4,825	1,961	40.6%	Yes		4,635	1,053	22.7%		No
Census Tract 1226.03	5,692	2,142	37.6%	Yes		5,645	906	16.0%		No
Census Tract 1227.04	2,147	1,161	54.1%	Yes		2,112	265	12.5%		No
Census Tract 1227.05	3,123	1,491	47.7%	Yes		3,119	789	25.3%		No
Census Tract 1227.06	4,045	1,623	40.1%	Yes		4,035	1,048	26.0%		No
Census Tract 1228.02	4,143	1,597	38.5%	Yes		4,129	535	13.0%		No
Census Tract 1472	6,172	3,545	57.4%	Yes		6,154	1,260	20.5%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1473	8,218	5,704	69.4%	Yes		8,143	1,302	16.0%		No
Census Tract 1474.01	5,630	1,310	23.3%		No	5,580	486	8.7%		No
Census Tract 1474.02	3,284	364	11.1%		No	3,284	89	2.7%		No
Census Tract 1475.01	6,989	1,369	19.6%		No	6,962	920	13.2%		No
Census Tract 1475.02	6,233	433	6.9%		No	6,132	155	2.5%		No
Census Tract 1475.03	1,405	114	8.1%		No	1,405	37	2.6%		No
Census Tract 1476.01	2,238	262	11.7%		No	2,168	238	11.0%		No
Census Tract 1477.02	5,010	456	9.1%		No	5,000	794	15.9%		No
Census Tract 1352.04	4,642	274	5.9%		No	4,633	527	11.4%		No
Census Tract 1352.09	3,065	446	14.6%		No	3,065	229	7.5%		No
Census Tract 1353.01	3,692	476	12.9%		No	3,672	189	5.1%		No
Census Tract 1353.03	4,093	421	10.3%		No	4,074	394	9.7%		No
Census Tract 1353.04	3,340	199	6.0%		No	3,340	201	6.0%		No
Census Tract 1354.01	6,662	825	12.4%		No	6,448	521	8.1%		No
Census Tract 1354.03	4,546	1,046	23.0%		No	4,532	610	13.5%		No
Census Tract 1456.05	4,172	3,527	84.5%	Yes		3,982	1,124	28.2%	Yes	
Census Tract 1457.01	4,964	1,887	38.0%	Yes		4,922	1,263	25.7%		No
Census Tract 1457.02	7,209	5,939	82.4%	Yes		7,034	1,930	27.4%	Yes	
Census Tract 1457.03	4,210	3,011	71.5%	Yes		4,191	929	22.2%		No
Census Tract 1457.04	6,993	5,547	79.3%	Yes		6,926	1,142	16.5%		No
Census Tract 1458.03	4,944	1,258	25.4%		No	4,934	773	15.7%		No
Census Tract 1458.04	3,341	1,752	52.4%	Yes		3,281	580	17.7%		No
Census Tract 1458.05	5,703	1,485	26.0%		No	5,678	727	12.8%		No
Census Tract 1458.07	4,192	1,011	24.1%		No	4,192	309	7.4%		No
Census Tract 1458.08	3,001	804	26.8%		No	3,001	302	10.1%		No
Census Tract 1460.03	9,998	8,024	80.3%	Yes		9,838	1,882	19.1%		No
Census Tract 1461.02	2,848	2,378	83.5%	Yes		2,830	651	23.0%		No
Census Tract 1461.03	4,435	1,678	37.8%	Yes		4,422	764	17.3%		No
Census Tract 1461.05	6,454	5,411	83.8%	Yes		6,439	1,629	25.3%		No
Census Tract 1461.06	5,362	4,619	86.1%	Yes		5,143	1,335	26.0%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1462.01	5,623	5,021	89.3%	Yes		5,571	1,871	33.6%	Yes	
Census Tract 1462.02	4,205	3,842	91.4%	Yes		4,168	1,323	31.7%	Yes	
Census Tract 1462.03	4,923	3,893	79.1%	Yes		4,882	2,194	44.9%	Yes	
Census Tract 1462.04	6,720	5,820	86.6%	Yes		6,718	2,090	31.1%	Yes	
Census Tract 1462.05	2,363	286	12.1%		No	2,358	347	14.7%		No
Census Tract 1462.06	2,141	747	34.9%		No	2,141	344	16.1%		No
Census Tract 1463	2,241	1,072	47.8%	Yes		2,177	703	32.3%	Yes	
Census Tract 1464.02	3,883	760	19.6%		No	3,858	523	13.6%		No
Census Tract 1464.03	4,927	4,096	83.1%	Yes		4,858	1,875	38.6%	Yes	
Census Tract 1464.04	3,706	2,587	69.8%	Yes		3,676	1,282	34.9%	Yes	
Census Tract 1465	5,579	1,177	21.1%		No	5,529	456	8.2%		No
Census Tract 1466.04	4,430	1,471	33.2%		No	4,430	666	15.0%		No
Census Tract 1466.05	983	262	26.7%		No	983	88	9.0%		No
Census Tract 1466.06	6,908	892	12.9%		No	6,908	702	10.2%		No
Census Tract 1466.07	2,354	502	21.3%		No	2,341	385	16.4%		No
Census Tract 1476.02	4,746	327	6.9%		No	4,746	439	9.2%		No
Census Tract 1477.01	3,442	457	13.3%		No	3,195	291	9.1%		No
Census Tract 1478.03	3,126	157	5.0%		No	3,126	364	11.6%		No
Census Tract 1585.02	3,708	960	25.9%		No	3,667	929	25.3%		No
Census Tract 1585.06	2,595	404	15.6%		No	2,595	136	5.2%		No
Census Tract 1586.04	4,842	1,237	25.5%		No	4,783	661	13.8%		No
Census Tract 1586.08	4,123	1,779	43.1%	Yes		4,074	802	19.7%		No
Census Tract 1586.09	4,624	1,069	23.1%		No	4,619	656	14.2%		No
Census Tract 1478.02	3,738	268	7.2%		No	3,648	376	10.3%		No
Census Tract 1479.02	4,103	357	8.7%		No	4,103	331	8.1%		No
Census Tract 1595.1	194	94	48.5%	Yes		194	47	24.2%		No
Census Tract 1466.08	2,596	870	33.5%		No	2,596	527	20.3%		No
Census Tract 1466.11	3,233	888	27.5%		No	3,233	326	10.1%		No
Census Tract 1466.12	5,204	974	18.7%		No	5,202	387	7.4%		No
Census Tract 1466.13	3,961	897	22.6%		No	3,961	687	17.3%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1466.14	4,790	433	9.0%		No	4,770	329	6.9%		No
Census Tract 1466.15	4,431	863	19.5%		No	4,413	426	9.7%		No
Census Tract 1478.04	5,604	535	9.5%		No	5,456	605	11.1%		No
Census Tract 1479.01	4,299	778	18.1%		No	4,299	807	18.8%		No
Census Tract 1586.05	5,046	1,035	20.5%		No	5,046	654	13.0%		No
Census Tract 1586.06	4,912	1,023	20.8%		No	4,803	656	13.7%		No
Census Tract 1586.07	3,139	893	28.4%		No	3,105	461	14.8%		No
Census Tract 1587.07	1,836	527	28.7%		No	1,836	175	9.5%		No
Census Tract 1587.11	5,410	1,105	20.4%		No	5,410	1,110	20.5%		No
Census Tract 1587.12	7,844	3,302	42.1%	Yes		7,516	1,916	25.5%		No
Census Tract 1588.02	4,942	531	10.7%		No	4,923	256	5.2%		No
Census Tract 1588.03	6,360	1,563	24.6%		No	6,339	501	7.9%		No
Census Tract 1588.04	7,657	2,343	30.6%		No	7,638	1,311	17.2%		No
Census Tract 1589	7,797	3,467	44.5%	Yes		7,788	2,284	29.3%	Yes	
Census Tract 1590	4,587	1,502	32.7%		No	4,583	1,131	24.7%		No
Census Tract 1591.02	6,330	2,196	34.7%		No	6,068	1,469	24.2%		No
Census Tract 1591.03	5,820	4,460	76.6%	Yes		5,565	2,368	42.6%	Yes	
Census Tract 1591.05	7,487	2,477	33.1%		No	7,477	1,590	21.3%		No
Census Tract 1591.06	6,597	2,799	42.4%	Yes		5,755	1,080	18.8%		No
Census Tract 1591.07	3,658	860	23.5%		No	3,628	809	22.3%		No
Census Tract 1591.08	7,494	2,802	37.4%	Yes		7,494	609	8.1%		No
Census Tract 1592.01	2,769	589	21.3%		No	2,769	461	16.6%		No
Census Tract 1592.03	5,586	481	8.6%		No	5,563	711	12.8%		No
Census Tract 1592.04	4,251	1,301	30.6%		No	4,035	758	18.8%		No
Census Tract 1593	2,041	154	7.5%		No	2,041	232	11.4%		No
Census Tract 1101.02	4,932	733	14.9%		No	4,861	259	5.3%		No
Census Tract 1102	5,037	506	10.0%		No	5,037	557	11.1%		No
Census Tract 1109.01	2,777	366	13.2%		No	2,777	312	11.2%		No
Census Tract 1109.02	4,474	2,742	61.3%	Yes		4,461	1,679	37.6%	Yes	
Census Tract 1103	5,031	407	8.1%		No	5,030	506	10.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1104.01	2,219	95	4.3%		No	2,219	178	8.0%		No
Census Tract 1104.02	3,221	195	6.1%		No	3,221	183	5.7%		No
Census Tract 1105.01	2,937	432	14.7%		No	2,937	286	9.7%		No
Census Tract 1105.02	2,783	191	6.9%		No	2,783	136	4.9%		No
Census Tract 1106	7,328	587	8.0%		No	7,328	937	12.8%		No
Census Tract 1108.01	1,948	84	4.3%		No	1,941	197	10.1%		No
Census Tract 1110.01	2,011	368	18.3%		No	1,936	211	10.9%		No
Census Tract 1110.02	5,432	3,285	60.5%	Yes		5,371	2,117	39.4%	Yes	
Census Tract 1113	4,445	347	7.8%		No	4,402	496	11.3%		No
Census Tract 1114.01	1,368	286	20.9%		No	1,327	141	10.6%		No
Census Tract 1115.03	4,479	895	20.0%		No	4,479	668	14.9%		No
Census Tract 1115.04	1,554	296	19.0%		No	1,541	90	5.8%		No
Census Tract 1115.05	7,130	3,444	48.3%	Yes		6,776	1,401	20.7%		No
Census Tract 1117.03	3,015	328	10.9%		No	3,015	223	7.4%		No
Census Tract 1117.04	3,466	340	9.8%		No	3,466	295	8.5%		No
Census Tract 1118.02	2,911	437	15.0%		No	2,891	159	5.5%		No
Census Tract 1118.03	2,914	426	14.6%		No	2,912	219	7.5%		No
Census Tract 1118.04	2,505	282	11.3%		No	2,505	154	6.1%		No
Census Tract 1347.02	5,495	704	12.8%		No	5,495	800	14.6%		No
Census Tract 1347.03	3,719	169	4.5%		No	3,719	320	8.6%		No
Census Tract 1351.01	4,238	1,029	24.3%		No	4,238	240	5.7%		No
Census Tract 1351.02	4,535	655	14.4%		No	4,535	540	11.9%		No
Census Tract 1351.03	5,014	321	6.4%		No	4,985	233	4.7%		No
Census Tract 1108.03	6,056	756	12.5%		No	5,880	405	6.9%		No
Census Tract 1116.01	4,403	475	10.8%		No	4,376	680	15.5%		No
Census Tract 1116.02	2,605	125	4.8%		No	2,602	277	10.6%		No
Census Tract 1117.01	5,937	802	13.5%		No	5,918	1,030	17.4%		No
Census Tract 1118.01	6,314	1,344	21.3%		No	6,314	569	9.0%		No
Census Tract 1347.04	2,528	256	10.1%		No	2,319	245	10.6%		No
Census Tract 1349.02	4,738	315	6.6%		No	4,408	326	7.4%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1349.03	1,268	145	11.4%		No	1,268	97	7.6%		No
Census Tract 1349.04	6,106	959	15.7%		No	5,992	579	9.7%		No
Census Tract 1349.06	5,692	685	12.0%		No	5,531	1,036	18.7%		No
Census Tract 1349.07	4,169	632	15.2%		No	4,169	653	15.7%		No
Census Tract 1351.04	5,502	415	7.5%		No	5,416	528	9.7%		No
Census Tract 1350.02	5,510	954	17.3%		No	5,508	446	8.1%		No
Census Tract 1350.03	4,787	557	11.6%		No	4,787	619	12.9%		No
Census Tract 1350.05	3,374	377	11.2%		No	2,951	470	15.9%		No
Census Tract 1354.02	6,631	1,100	16.6%		No	6,610	413	6.2%		No
Census Tract 1580.02	5,732	868	15.1%		No	5,725	399	7.0%		No
Census Tract 1580.06	5,886	1,257	21.4%		No	5,861	594	10.1%		No
Census Tract 1580.07	8,943	6,266	70.1%	Yes		49	-	0.0%		No
Census Tract 1580.09	2,423	350	14.4%		No	2,381	263	11.0%		No
Census Tract 1580.1	3,231	500	15.5%		No	3,231	129	4.0%		No
Census Tract 1581.03	4,577	1,838	40.2%	Yes		4,540	1,180	26.0%		No
Census Tract 1581.07	4,073	794	19.5%		No	4,073	762	18.7%		No
Census Tract 1581.08	2,705	1,021	37.7%	Yes		2,705	313	11.6%		No
Census Tract 1582.03	1,561	368	23.6%		No	1,561	54	3.5%		No
Census Tract 1585.05	4,432	950	21.4%		No	4,432	346	7.8%		No
Census Tract 1585.11	6,554	1,907	29.1%		No	6,554	582	8.9%		No
Census Tract 1585.12	3,666	401	10.9%		No	3,653	510	14.0%		No
Census Tract 1580.11	4,574	1,039	22.7%		No	4,520	470	10.4%		No
Census Tract 1581.02	4,431	1,387	31.3%		No	4,284	773	18.0%		No
Census Tract 1581.04	5,250	1,121	21.4%		No	5,227	482	9.2%		No
Census Tract 1581.1	3,379	732	21.7%		No	3,379	261	7.7%		No
Census Tract 1581.11	3,205	882	27.5%		No	3,184	503	15.8%		No
Census Tract 1581.12	4,479	1,300	29.0%		No	4,479	771	17.2%		No
Census Tract 1581.14	3,868	639	16.5%		No	3,868	223	5.8%		No
Census Tract 1581.15	6,765	1,639	24.2%		No	6,711	847	12.6%		No
Census Tract 1581.16	2,033	473	23.3%		No	2,003	275	13.7%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1582.02	7,397	1,833	24.8%		No	7,371	1,428	19.4%		No
Census Tract 1582.05	1,769	205	11.6%		No	1,769	158	8.9%		No
Census Tract 1582.06	4,088	816	20.0%		No	3,825	538	14.1%		No
Census Tract 1583.06	5,957	824	13.8%		No	5,957	358	6.0%		No
Census Tract 1583.08	8,896	3,933	44.2%	Yes		8,873	1,620	18.3%		No
Census Tract 1583.09	4,746	1,868	39.4%	Yes		4,729	1,002	21.2%		No
Census Tract 1583.1	4,413	775	17.6%		No	4,174	828	19.8%		No
Census Tract 1583.15	4,460	1,758	39.4%	Yes		4,460	396	8.9%		No
Census Tract 1583.19	3,684	1,215	33.0%		No	3,498	702	20.1%		No
Census Tract 1583.2	6,802	1,384	20.3%		No	6,790	782	11.5%		No
Census Tract 1583.21	10,224	3,376	33.0%		No	10,183	1,616	15.9%		No
Census Tract 1583.22	1,856	299	16.1%		No	1,856	102	5.5%		No
Census Tract 1583.23	6,742	824	12.2%		No	6,742	737	10.9%		No
Census Tract 1584.01	1,286	181	14.1%		No	1,261	247	19.6%		No
Census Tract 1584.03	2,286	653	28.6%		No	2,286	332	14.5%		No
Census Tract 1585.07	4,203	1,150	27.4%		No	4,196	511	12.2%		No
Census Tract 1585.08	6,364	1,527	24.0%		No	6,351	686	10.8%		No
Census Tract 1585.09	4,959	1,499	30.2%		No	4,959	1,295	26.1%		No
Census Tract 1585.1	7,218	2,102	29.1%		No	7,200	906	12.6%		No
Census Tract 1587.04	8,362	4,271	51.1%	Yes		8,362	1,918	22.9%		No
Census Tract 1587.05	3,596	2,791	77.6%	Yes		3,574	1,009	28.2%	Yes	
Census Tract 1587.08	3,529	1,386	39.3%	Yes		3,517	690	19.6%		No
Census Tract 1582.07	4,548	760	16.7%		No	4,546	201	4.4%		No
Census Tract 1583.04	6,793	875	12.9%		No	6,793	260	3.8%		No
Census Tract 1583.17	6,193	738	11.9%		No	6,193	805	13.0%		No
Census Tract 1583.18	4,316	543	12.6%		No	4,316	306	7.1%		No
Census Tract 1584.07	5,750	911	15.8%		No	5,750	728	12.7%		No
Census Tract 1594.06	4,885	1,387	28.4%		No	4,786	694	14.5%		No
Census Tract 1594.04	6,893	2,535	36.8%	Yes		6,867	1,099	16.0%		No
Census Tract 1594.07	6,744	1,931	28.6%		No	6,744	748	11.1%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1594.08	5,024	2,131	42.4%	Yes		4,775	1,410	29.5%	Yes	
Census Tract 1594.11	3,434	607	17.7%		No	3,434	559	16.3%		No
Census Tract 1595.05	7,671	2,002	26.1%		No	7,671	2,231	29.1%	Yes	
Census Tract 1595.06	9,144	3,348	36.6%	Yes		9,144	2,898	31.7%	Yes	
Census Tract 1595.08	6,880	1,478	21.5%		No	6,844	2,162	31.6%	Yes	
Census Tract 1595.09	3,513	1,352	38.5%	Yes		3,513	1,007	28.7%	Yes	
Census Tract 1595.11	7,784	3,539	45.5%	Yes		7,784	1,770	22.7%		No
Census Tract 1595.12	2,217	590	26.6%		No	2,217	486	21.9%		No
Census Tract 1596.01	6,188	696	11.2%		No	6,151	550	8.9%		No
Census Tract 1596.02	4,262	264	6.2%		No	4,236	490	11.6%		No
Census Tract 1905.02	2,558	651	25.4%		No	2,558	352	13.8%		No
Census Tract 1905.03	2,700	385	14.3%		No	2,700	451	16.7%		No
Census Tract 1905.04	1,736	105	6.0%		No	1,736	146	8.4%		No
Census Tract 1906.01	4,521	722	16.0%		No	4,447	728	16.4%		No
Census Tract 1594.1	7,509	1,563	20.8%		No	7,509	1,492	19.9%		No
Census Tract 1697.04	6,827	1,412	20.7%		No	6,703	1,774	26.5%		No
Census Tract 1584.02	4,342	596	13.7%		No	4,342	449	10.3%		No
Census Tract 1584.05	5,308	923	17.4%		No	5,293	679	12.8%		No
Census Tract 1584.08	3,797	498	13.1%		No	3,768	327	8.7%		No
Census Tract 1584.09	3,633	887	24.4%		No	3,633	864	23.8%		No
Census Tract 1584.1	3,000	190	6.3%		No	3,000	681	22.7%		No
Census Tract 1587.09	2,717	348	12.8%		No	2,717	400	14.7%		No
Census Tract 1587.1	3,859	1,320	34.2%		No	3,814	776	20.3%		No
Census Tract 1594.12	7,523	1,623	21.6%		No	7,453	1,336	17.9%		No
Census Tract 1697.01	7,733	624	8.1%		No	7,619	755	9.9%		No
Census Tract 1697.03	1,731	207	12.0%		No	1,731	275	15.9%		No
Census Tract 1698	6,388	3,661	57.3%	Yes		6,388	2,447	38.3%	Yes	
Census Tract 1699.01	6,487	2,853	44.0%	Yes		6,276	1,460	23.3%		No
Census Tract 1699.02	4,383	542	12.4%		No	4,383	431	9.8%		No
Census Tract 1904.01	8,997	6,119	68.0%	Yes		7,238	1,571	21.7%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 1904.02	2,539	427	16.8%		No	2,394	328	13.7%		No
Census Tract 1700.01	5,646	433	7.7%		No	5,646	417	7.4%		No
Census Tract 1700.02	4,262	241	5.7%		No	4,262	487	11.4%		No
Census Tract 1904.03	4,382	1,576	36.0%	Yes		4,382	1,037	23.7%		No
Census Tract 1906.03	4,904	2,162	44.1%	Yes		4,893	1,247	25.5%		No
Census Tract 1906.04	4,457	1,106	24.8%		No	4,439	838	18.9%		No
Census Tract 1907.05	3,478	1,330	38.2%	Yes		3,303	878	26.6%		No
Census Tract 1907.04	3,081	1,027	33.3%		No	3,081	554	18.0%		No
Census Tract 1907.06	4,365	722	16.5%		No	4,346	1,091	25.1%		No
Census Tract 1907.07	5,293	1,162	22.0%		No	5,233	778	14.9%		No
Census Tract 1907.08	1,813	131	7.2%		No	1,805	246	13.6%		No
Census Tract 1908	3,285	713	21.7%		No	3,027	391	12.9%		No
Census Tract 1701.01	2,082	794	38.1%	Yes		1,964	849	43.2%	Yes	
Census Tract 1702.01	5,904	800	13.6%		No	5,904	1,237	21.0%		No
Census Tract 1803	2,793	404	14.5%		No	2,761	121	4.4%		No
Census Tract 2009.01	869	136	15.7%		No	865	167	19.3%		No
Census Tract 2009.02	7,046	1,852	26.3%		No	7,011	1,334	19.0%		No
Census Tract 2010.03	3,316	1,426	43.0%	Yes		3,303	398	12.0%		No
Census Tract 2010.04	3,685	484	13.1%		No	3,650	390	10.7%		No
Census Tract 1470.04	139	1	0.7%		No	133	13	9.8%		No
Census Tract 1101.01	3,677	343	9.3%		No	3,662	174	4.8%		No
Census Tract 1350.04	3,056	543	17.8%		No	3,051	315	10.3%		No
Census Tract 1580.01	4,020	579	14.4%		No	4,018	321	8.0%		No
Census Tract 1702.02	4,242	671	15.8%		No	4,099	789	19.2%		No
Census Tract 2010.01	7,036	2,563	36.4%	Yes		7,036	2,122	30.2%	Yes	
<b>TOTAL Suffolk County</b>	<b>1,483,832</b>	<b>481,242</b>	<b>32.4%</b>	<b>91</b>	<b>231</b>	<b>1,456,653</b>	<b>242,595</b>	<b>16.7%</b>	<b>35</b>	<b>287</b>

Table 17C-29

## Environmental Justice Populations: Westchester County, NY

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Westchester County, New York										
Census Tract 146.04	4,438	894	20.1%		No	4,438	745	16.8%		No
Census Tract 9840	439	176	40.1%		No	278	131	47.1%	Yes	
Census Tract 22.02	4,812	1,014	21.1%		No	4,812	691	14.4%		No
Census Tract 28	2,222	2,194	98.7%	Yes		2,212	659	29.8%	Yes	
Census Tract 29	3,798	3,782	99.6%	Yes		3,786	1,651	43.6%	Yes	
Census Tract 36	3,512	2,862	81.5%	Yes		3,495	1,590	45.5%	Yes	
Census Tract 1.01	4,017	3,970	98.8%	Yes		3,945	2,195	55.6%	Yes	
Census Tract 1.03	5,114	4,664	91.2%	Yes		5,107	3,446	67.5%	Yes	
Census Tract 2.01	7,936	7,454	93.9%	Yes		7,878	3,976	50.5%	Yes	
Census Tract 2.03	3,157	2,222	70.4%	Yes		3,079	615	20.0%		No
Census Tract 3	4,223	3,888	92.1%	Yes		4,019	2,123	52.8%	Yes	
Census Tract 4.01	4,191	3,600	85.9%	Yes		4,173	1,588	38.1%	Yes	
Census Tract 4.02	5,628	5,297	94.1%	Yes		5,607	2,317	41.3%	Yes	
Census Tract 5	4,681	4,497	96.1%	Yes		4,666	2,883	61.8%	Yes	
Census Tract 6	6,994	6,021	86.1%	Yes		6,585	3,117	47.3%	Yes	
Census Tract 10	1,786	1,696	95.0%	Yes		1,766	1,271	72.0%	Yes	
Census Tract 11.01	3,445	3,129	90.8%	Yes		3,445	2,424	70.4%	Yes	
Census Tract 11.02	5,608	4,502	80.3%	Yes		5,608	3,097	55.2%	Yes	
Census Tract 12	4,146	3,612	87.1%	Yes		4,119	2,494	60.5%	Yes	
Census Tract 13.01	3,883	2,730	70.3%	Yes		3,860	1,149	29.8%	Yes	
Census Tract 13.02	3,939	3,438	87.3%	Yes		3,939	1,808	45.9%	Yes	
Census Tract 13.03	7,745	7,050	91.0%	Yes		7,713	3,791	49.2%	Yes	
Census Tract 14.01	3,926	1,779	45.3%		No	3,926	747	19.0%		No
Census Tract 14.02	1,697	562	33.1%		No	1,697	171	10.1%		No
Census Tract 14.03	3,444	1,772	51.5%	Yes		3,388	978	28.9%	Yes	
Census Tract 15.02	3,021	815	27.0%		No	3,021	803	26.6%		No
Census Tract 15.03	2,757	551	20.0%		No	2,739	370	13.5%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 15.04	5,552	2,603	46.9%		No	5,478	1,376	25.1%		No
Census Tract 15.05	2,102	1,308	62.2%	Yes		2,102	305	14.5%		No
Census Tract 16	3,561	2,185	61.4%	Yes		3,547	1,156	32.6%	Yes	
Census Tract 22.04	4,989	1,797	36.0%		No	3,866	617	16.0%		No
Census Tract 23	4,304	1,618	37.6%		No	4,294	1,007	23.5%		No
Census Tract 24.01	1,846	894	48.4%		No	1,846	377	20.4%		No
Census Tract 24.02	3,383	1,817	53.7%	Yes		3,383	471	13.9%		No
Census Tract 24.03	5,241	3,121	59.5%	Yes		5,241	1,235	23.6%		No
Census Tract 24.04	3,242	1,566	48.3%		No	3,242	554	17.1%		No
Census Tract 24.05	3,488	1,528	43.8%		No	3,481	509	14.6%		No
Census Tract 30	2,995	2,922	97.6%	Yes		2,982	715	24.0%		No
Census Tract 35	1,805	1,609	89.1%	Yes		1,805	976	54.1%	Yes	
Census Tract 37	3,404	2,668	78.4%	Yes		3,404	1,247	36.6%	Yes	
Census Tract 38	2,675	1,424	53.2%	Yes		2,675	556	20.8%		No
Census Tract 1.04	716	559	78.1%	Yes		716	24	3.4%		No
Census Tract 2.02	4,067	2,905	71.4%	Yes		4,067	1,287	31.6%	Yes	
Census Tract 26	4,462	4,268	95.7%	Yes		4,438	890	20.1%		No
Census Tract 55	5,569	1,357	24.4%		No	5,566	298	5.4%		No
Census Tract 56	-	-	0.0%		No	-	-	0.0%		No
Census Tract 57.01	6,730	3,558	52.9%	Yes		6,338	1,190	18.8%		No
Census Tract 27	4,154	4,109	98.9%	Yes		4,142	942	22.7%		No
Census Tract 31	3,081	3,069	99.6%	Yes		3,049	1,875	61.5%	Yes	
Census Tract 32	2,508	2,491	99.3%	Yes		2,501	1,120	44.8%	Yes	
Census Tract 33	3,144	3,084	98.1%	Yes		3,144	1,061	33.7%	Yes	
Census Tract 34	4,839	4,724	97.6%	Yes		4,839	920	19.0%		No
Census Tract 39	3,703	2,126	57.4%	Yes		3,703	602	16.3%		No
Census Tract 40	6,156	4,952	80.4%	Yes		5,948	1,533	25.8%		No
Census Tract 41	4,415	4,133	93.6%	Yes		4,385	1,088	24.8%		No
Census Tract 42	4,414	3,246	73.5%	Yes		4,414	957	21.7%		No
Census Tract 43	1,836	922	50.2%	Yes		1,405	249	17.7%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 44	3,348	1,590	47.5%		No	3,277	231	7.0%		No
Census Tract 45	1,425	764	53.6%	Yes		1,408	157	11.2%		No
Census Tract 46	2,958	676	22.9%		No	2,933	399	13.6%		No
Census Tract 47	3,451	451	13.1%		No	3,198	162	5.1%		No
Census Tract 52	4,780	529	11.1%		No	4,780	277	5.8%		No
Census Tract 53	5,222	2,376	45.5%		No	5,222	565	10.8%		No
Census Tract 54	1,719	455	26.5%		No	1,719	130	7.6%		No
Census Tract 57.02	3,077	1,745	56.7%	Yes		2,527	599	23.7%		No
Census Tract 58	4,929	3,836	77.8%	Yes		4,929	2,311	46.9%	Yes	
Census Tract 59.01	5,254	3,530	67.2%	Yes		4,746	1,550	32.7%	Yes	
Census Tract 59.02	5,319	2,809	52.8%	Yes		5,319	241	4.5%		No
Census Tract 60	4,175	2,548	61.0%	Yes		4,175	686	16.4%		No
Census Tract 61	4,713	3,760	79.8%	Yes		4,713	1,751	37.2%	Yes	
Census Tract 62	5,428	4,178	77.0%	Yes		5,302	2,262	42.7%	Yes	
Census Tract 63	6,378	5,202	81.6%	Yes		5,969	2,593	43.4%	Yes	
Census Tract 64	5,958	5,029	84.4%	Yes		5,958	2,113	35.5%	Yes	
Census Tract 65	4,908	2,997	61.1%	Yes		4,776	1,694	35.5%	Yes	
Census Tract 66	6,203	1,983	32.0%		No	5,341	567	10.6%		No
Census Tract 67	5,226	1,396	26.7%		No	5,219	165	3.2%		No
Census Tract 70	5,733	880	15.3%		No	5,697	321	5.6%		No
Census Tract 71	6,096	1,247	20.5%		No	6,096	333	5.5%		No
Census Tract 21.04	4,973	2,406	48.4%		No	4,973	705	14.2%		No
Census Tract 7.01	3,576	1,755	49.1%		No	3,455	876	25.4%		No
Census Tract 8.01	6,439	3,466	53.8%	Yes		6,439	1,601	24.9%		No
Census Tract 8.02	2,530	1,383	54.7%	Yes		2,530	934	36.9%	Yes	
Census Tract 8.03	4,919	2,660	54.1%	Yes		4,919	1,367	27.8%	Yes	
Census Tract 9	3,071	1,765	57.5%	Yes		2,937	746	25.4%		No
Census Tract 17	6,732	2,191	32.5%		No	6,732	1,961	29.1%	Yes	
Census Tract 18	1,814	1,641	90.5%	Yes		1,814	454	25.0%		No
Census Tract 19	1,566	647	41.3%		No	1,563	200	12.8%		No



NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 20	4,260	1,686	39.6%		No	4,260	243	5.7%		No
Census Tract 22.03	1,802	812	45.1%		No	1,790	608	34.0%	Yes	
Census Tract 102	4,698	765	16.3%		No	4,601	212	4.6%		No
Census Tract 103	3,223	682	21.2%		No	2,873	445	15.5%		No
Census Tract 104	4,119	1,446	35.1%		No	3,391	355	10.5%		No
Census Tract 105	6,951	1,796	25.8%		No	6,678	463	6.9%		No
Census Tract 106	4,512	1,366	30.3%		No	4,512	323	7.2%		No
Census Tract 107.01	6,273	1,842	29.4%		No	6,167	330	5.4%		No
Census Tract 113	6,529	1,043	16.0%		No	6,442	575	8.9%		No
Census Tract 21.01	3,976	1,837	46.2%		No	3,976	443	11.1%		No
Census Tract 21.03	3,076	599	19.5%		No	3,076	126	4.1%		No
Census Tract 21.05	1,658	545	32.9%		No	1,631	115	7.1%		No
Census Tract 21.06	2,553	2,159	84.6%	Yes		2,529	719	28.4%	Yes	
Census Tract 21.07	1,726	1,160	67.2%	Yes		1,668	597	35.8%	Yes	
Census Tract 22.01	2,381	795	33.4%		No	2,381	217	9.1%		No
Census Tract 48	6,584	2,035	30.9%		No	6,567	838	12.8%		No
Census Tract 49	3,060	757	24.7%		No	3,060	401	13.1%		No
Census Tract 50.01	3,836	1,278	33.3%		No	3,817	393	10.3%		No
Census Tract 50.02	4,459	685	15.4%		No	4,459	314	7.0%		No
Census Tract 51	3,855	708	18.4%		No	3,855	534	13.9%		No
Census Tract 68.01	5,237	922	17.6%		No	5,218	583	11.2%		No
Census Tract 68.02	5,532	1,127	20.4%		No	5,532	170	3.1%		No
Census Tract 69	6,390	1,035	16.2%		No	6,390	205	3.2%		No
Census Tract 88	3,912	2,112	54.0%	Yes		3,881	1,333	34.3%	Yes	
Census Tract 89.01	5,854	2,715	46.4%		No	5,750	1,339	23.3%		No
Census Tract 89.02	4,034	2,643	65.5%	Yes		4,026	1,156	28.7%	Yes	
Census Tract 90	4,163	2,654	63.8%	Yes		3,983	949	23.8%		No
Census Tract 91	6,085	4,614	75.8%	Yes		6,054	1,852	30.6%	Yes	
Census Tract 92	7,279	5,426	74.5%	Yes		7,017	2,030	28.9%	Yes	
Census Tract 93	2,968	2,320	78.2%	Yes		2,953	1,672	56.6%	Yes	

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 94	3,866	2,736	70.8%	Yes		3,731	1,302	34.9%	Yes	
Census Tract 95	5,538	2,967	53.6%	Yes		5,526	1,182	21.4%		No
Census Tract 96	4,419	976	22.1%		No	4,409	335	7.6%		No
Census Tract 97.01	3,021	590	19.5%		No	3,021	188	6.2%		No
Census Tract 98	4,545	1,062	23.4%		No	4,545	320	7.0%		No
Census Tract 99	3,012	622	20.7%		No	3,012	223	7.4%		No
Census Tract 100	5,643	1,281	22.7%		No	5,643	131	2.3%		No
Census Tract 101	4,637	1,605	34.6%		No	4,637	299	6.4%		No
Census Tract 107.02	5,106	1,889	37.0%		No	5,079	562	11.1%		No
Census Tract 108.01	2,999	972	32.4%		No	2,976	360	12.1%		No
Census Tract 108.03	3,519	1,504	42.7%		No	3,519	504	14.3%		No
Census Tract 108.04	2,726	1,237	45.4%		No	2,719	162	6.0%		No
Census Tract 109.02	5,732	3,697	64.5%	Yes		5,661	907	16.0%		No
Census Tract 109.03	5,257	4,302	81.8%	Yes		5,132	1,284	25.0%		No
Census Tract 111.02	2,839	1,035	36.5%		No	2,835	178	6.3%		No
Census Tract 72	6,622	2,032	30.7%		No	6,322	1,600	25.3%		No
Census Tract 75	4,727	855	18.1%		No	4,651	494	10.6%		No
Census Tract 76	5,809	591	10.2%		No	5,809	264	4.5%		No
Census Tract 77	5,284	1,265	23.9%		No	5,210	463	8.9%		No
Census Tract 79	7,693	5,953	77.4%	Yes		7,534	2,874	38.1%	Yes	
Census Tract 82	7,571	3,356	44.3%		No	7,571	1,128	14.9%		No
Census Tract 83.01	2,986	1,530	51.2%	Yes		2,986	154	5.2%		No
Census Tract 83.02	6,501	882	13.6%		No	6,414	354	5.5%		No
Census Tract 84.04	5,191	1,790	34.5%		No	5,129	839	16.4%		No
Census Tract 85	3,374	313	9.3%		No	3,374	107	3.2%		No
Census Tract 9850	2,360	971	41.1%		No	-	-	0.0%		No
Census Tract 73	4,829	2,333	48.3%		No	4,829	1,276	26.4%		No
Census Tract 74.01	4,707	1,910	40.6%		No	4,707	625	13.3%		No
Census Tract 74.02	3,059	498	16.3%		No	3,059	209	6.8%		No
Census Tract 84.01	2,080	359	17.3%		No	2,080	93	4.5%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 84.03	4,146	1,259	30.4%		No	4,133	757	18.3%		No
Census Tract 86.02	5,609	1,361	24.3%		No	4,332	414	9.6%		No
Census Tract 87	5,375	1,702	31.7%		No	5,309	729	13.7%		No
Census Tract 97.02	2,850	703	24.7%		No	2,810	859	30.6%	Yes	
Census Tract 97.03	4,148	711	17.1%		No	4,148	367	8.8%		No
Census Tract 78	4,616	3,673	79.6%	Yes		4,616	1,762	38.2%	Yes	
Census Tract 80	5,217	4,480	85.9%	Yes		5,183	2,312	44.6%	Yes	
Census Tract 81	4,245	2,889	68.1%	Yes		4,245	866	20.4%		No
Census Tract 109.01	2,160	942	43.6%		No	1,998	223	11.2%		No
Census Tract 110	2,663	1,891	71.0%	Yes		2,646	394	14.9%		No
Census Tract 111.01	6,268	3,133	50.0%		No	6,222	509	8.2%		No
Census Tract 112	4,372	3,479	79.6%	Yes		4,328	914	21.1%		No
Census Tract 118	5,704	989	17.3%		No	5,052	86	1.7%		No
Census Tract 119.02	4,808	1,280	26.6%		No	4,800	625	13.0%		No
Census Tract 120	4,628	926	20.0%		No	4,402	551	12.5%		No
Census Tract 121.01	5,657	762	13.5%		No	5,657	204	3.6%		No
Census Tract 121.02	4,729	1,119	23.7%		No	4,698	427	9.1%		No
Census Tract 122	7,221	2,107	29.2%		No	6,875	979	14.2%		No
Census Tract 123.01	2,633	1,189	45.2%		No	2,558	184	7.2%		No
Census Tract 132.02	3,018	433	14.3%		No	3,018	346	11.5%		No
Census Tract 9810	2,181	1,531	70.2%	Yes		1,048	814	77.7%	Yes	
Census Tract 114	5,758	1,666	28.9%		No	5,645	457	8.1%		No
Census Tract 115	5,678	2,888	50.9%	Yes		5,566	1,596	28.7%	Yes	
Census Tract 116	6,779	4,631	68.3%	Yes		6,647	2,528	38.0%	Yes	
Census Tract 117	3,263	983	30.1%		No	3,263	553	16.9%		No
Census Tract 132.01	4,017	875	21.8%		No	3,625	124	3.4%		No
Census Tract 133.04	4,957	3,746	75.6%	Yes		4,907	1,606	32.7%	Yes	
Census Tract 9820	1,723	1,444	83.8%	Yes		-	-	0.0%		No
Census Tract 131.03	5,332	703	13.2%		No	5,280	261	4.9%		No
Census Tract 131.04	6,134	1,054	17.2%		No	6,093	417	6.8%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 148.05	4,406	1,297	29.4%		No	4,294	384	8.9%		No
Census Tract 148.09	5,597	1,427	25.5%		No	5,597	847	15.1%		No
Census Tract 133.01	3,331	2,602	78.1%	Yes		3,280	1,303	39.7%	Yes	
Census Tract 134	6,722	4,022	59.8%	Yes		6,721	2,304	34.3%	Yes	
Census Tract 135	4,010	1,885	47.0%		No	3,953	707	17.9%		No
Census Tract 136	4,343	2,431	56.0%	Yes		4,336	1,084	25.0%		No
Census Tract 137	5,521	1,795	32.5%		No	5,363	665	12.4%		No
Census Tract 138	3,344	500	15.0%		No	3,344	240	7.2%		No
Census Tract 139	4,811	1,588	33.0%		No	4,637	376	8.1%		No
Census Tract 146.05	3,376	1,224	36.3%		No	3,219	695	21.6%		No
Census Tract 146.06	5,835	853	14.6%		No	5,632	134	2.4%		No
Census Tract 123.03	4,908	847	17.3%		No	4,899	216	4.4%		No
Census Tract 123.04	4,694	606	12.9%		No	4,694	287	6.1%		No
Census Tract 126	4,367	481	11.0%		No	4,359	212	4.9%		No
Census Tract 127	5,012	981	19.6%		No	4,982	577	11.6%		No
Census Tract 128.02	7,136	2,527	35.4%		No	7,115	1,524	21.4%		No
Census Tract 9830	1,288	792	61.5%	Yes		27	5	18.5%		No
Census Tract 129	4,279	2,656	62.1%	Yes		4,279	1,418	33.1%	Yes	
Census Tract 130	6,587	2,944	44.7%		No	6,575	919	14.0%		No
Census Tract 131.02	6,439	1,053	16.4%		No	6,439	159	2.5%		No
Census Tract 124	5,177	631	12.2%		No	5,167	229	4.4%		No
Census Tract 125.03	3,685	397	10.8%		No	3,685	246	6.7%		No
Census Tract 140	2,140	527	24.6%		No	2,136	401	18.8%		No
Census Tract 141	6,373	4,466	70.1%	Yes		6,373	2,142	33.6%	Yes	
Census Tract 142	3,539	2,554	72.2%	Yes		3,491	1,355	38.8%	Yes	
Census Tract 147.01	5,009	2,202	44.0%		No	4,898	890	18.2%		No
Census Tract 148.06	6,528	1,687	25.8%		No	6,528	184	2.8%		No
Census Tract 148.08	3,661	620	16.9%		No	3,643	344	9.4%		No
Census Tract 148.1	2,021	210	10.4%		No	2,021	339	16.8%		No
Census Tract 148.11	5,656	1,096	19.4%		No	5,656	198	3.5%		No

NEIGHBORHOOD/CENSUS TRACT	TOTAL POPULATION	MINORITY POPULATION	MINORITY RATE	MINORITY TRACT		PERSONS FOR WHOM POVERTY STATUS IS DETERMINED	PERSONS UP TO 1.99X POVERTY RATE	POVERTY RATE	LOW-INCOME TRACT	
				(YES)	(NO)				(YES)	(NO)
Census Tract 149.08	3,412	447	13.1%		No	3,412	307	9.0%		No
Census Tract 146.07	4,283	1,378	32.2%		No	4,283	310	7.2%		No
Census Tract 147.03	6,271	2,370	37.8%		No	6,271	615	9.8%		No
Census Tract 147.04	2,480	1,006	40.6%		No	2,474	435	17.6%		No
Census Tract 148.04	8,669	3,127	36.1%		No	8,498	1,012	11.9%		No
Census Tract 143	3,984	3,399	85.3%	Yes		3,908	2,319	59.3%	Yes	
Census Tract 144	6,270	5,145	82.1%	Yes		6,181	1,666	27.0%	Yes	
Census Tract 145	3,909	1,489	38.1%		No	3,909	590	15.1%		No
Census Tract 125.01	3,230	508	15.7%		No	3,225	417	12.9%		No
Census Tract 149.01	6,222	836	13.4%		No	5,928	453	7.6%		No
Census Tract 149.03	4,191	148	3.5%		No	4,191	473	11.3%		No
Census Tract 149.09	3,042	286	9.4%		No	3,042	238	7.8%		No
Census Tract 150	5,167	1,117	21.6%		No	4,939	849	17.2%		No
Census Tract 149.07	4,620	939	20.3%		No	4,453	296	6.6%		No
Census Tract 125.02	5,684	809	14.2%		No	5,684	403	7.1%		No
Census Tract 7.02	4,275	2,980	69.7%	Yes		4,275	856	20.0%		No
<b>TOTAL Westchester County</b>	<b>968,890</b>	<b>450,740</b>	<b>46.5%</b>	<b>92</b>	<b>131</b>	<b>945,745</b>	<b>191,362</b>	<b>20.2%</b>	<b>61</b>	<b>162</b>

CENTRAL BUSINESS DISTRICT (CBD) TOLLING PROGRAM

*[Appendix 17D:  
Technical Memorandum –  
Considerations for Environmental Justice  
Communities with Existing Pollution or  
Health Burdens]*

2023





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## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens

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Appendix B:	Pre-Existing Air Pollutant and Chronic Disease Burden Maps
Appendix C:	Pre-Existing Tract-Level Traffic Proximity, Air Pollutant, and Chronic Disease Burdens
Appendix D:	Census Tracts in Environmental Justice Communities That May Need Regional or Place- Based Mitigation (Tolling Scenario E)



## 17D-1. Introduction

The Federal Highway Administration (FHWA), the Federal lead agency for the Central Business District (CBD) Tolling Program (the Project) and the Project Sponsors (collectively, the Triborough Bridge and Tunnel Authority [TBTA]—an affiliate of the Metropolitan Transportation Authority [MTA]—the New York State Department of Transportation [NYSDOT], and the New York City Department of Transportation [NYCDOT]) issued a notice of availability of an Environmental Assessment (EA) prepared in accordance with the National Environmental Policy Act (NEPA) on August 10, 2022.

**Chapter 10, “Air Quality,”** of the EA includes a regulatory analysis performed in accordance with the Clean Air Act and the Final Transportation Conformity Rule (40 CFR Parts 51 and 93). The EA air quality analysis uses U.S. Environmental Protection Agency (USEPA) developed air quality models and follows guidance issued at both the Federal and State levels. The EA air quality modeling in the EA analyzes the air quality effects of the Project on a regional and local level, including hot-spot analyses for particulate matter emissions, in order to disclose the predicted Project-related changes in air pollutant burdens on a county level and to ensure that the Project-level conformity requirements were met. The EA’s air quality assessment for conformity showed that the Project will not create any new or worsen any existing violation of the National Ambient Air Quality Standards (NAAQS) nor would the Project delay timely attainment of any NAAQS.

The USEPA participated as a cooperating agency throughout the development of the EA prior to its publication. USEPA also submitted comments on the EA on September 22, 2022, during the official public review period. A complete response to USEPA’s comments is provided in **Appendix 18C, “Comments and Responses.”** This Technical Memorandum provides additional USEPA air quality data, Centers for Disease Control and Prevention (CDC) PLACES program chronic-disease prevalence data, as well as state and local public health data, to more completely address comments from the USEPA and from members of the public relating to effects of traffic diversions, both increases and decreases, on environmental justice communities that are already burdened by pre-existing air pollution and associated health risks.<sup>1</sup>

The air-quality analysis in the EA is a quantitative, model-driven assessment undertaken pursuant to agency guidance and interagency consultation. This Technical Memorandum expands that discussion by: (1) describing how and why traffic, and especially truck traffic, contributes to pollutant burdens and how these pollutants are associated with health outcomes; (2) providing a broader historical context with respect to historical land use patterns, current traffic, and pre-existing air pollution or health burdens; and (3) detailing the changes in highway traffic that could result from the Project proximate to environmental justice census tracts already experiencing pre-existing air pollutant and/or chronic disease burdens, as compared to communities nationwide, that could be more vulnerable to effects of increased traffic

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<sup>1</sup> These air-quality and chronic disease burden data are available from multiple sources. Here, these data are from U.S. Environmental Protection Agency’s (USEPA) 2021 EJSscreen data release and the Centers for Disease Control and Prevention (CDC) Environmental Justice Index (EJI) 2022 data release.



## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens

(“potentially vulnerable communities”).<sup>2</sup> The Technical Memorandum identifies locations where the Project would reduce traffic, thereby having a positive effect on existing conditions, as well as where it could increase traffic, thus adding to pre-existing burdens on potentially vulnerable communities. Finally, the Technical Memorandum identifies a package of mitigation measures to address potential traffic diversions and associated pollutant emissions or health effects resulting from the Project, to avoid creating a disproportionately high and adverse effect.<sup>3</sup>

As in the EA, this Technical Memorandum focuses on the 10-county environmental justice study area consistent with **Chapter 17, “Environmental Justice,”** which includes all of New York City; Nassau County, New York; and four counties in New Jersey (Bergen, Essex, Hudson, and Union).

**Section 17.5 of Chapter 17, “Environmental Justice,”** and **Appendix 17A, “Environmental Justice: Methodology,”** describe the locations of environmental justice populations within the 10-county environmental justice study area as well as data sources and methods used to identify those locations. As detailed in **Chapter 17**, environmental justice populations were identified based on census tracts that were either minority or low-income, based on criteria developed in consultation with FHWA.<sup>4</sup> Census tracts were considered to be minority if at least 50 percent of the census tract’s population identifies as minority or if the percentage of population identifying as minority in the census tract exceeds the share of minority population in the county where that census tract is located. Census tracts were considered to be low-income when the percentage of individuals with household incomes up to twice the Federal poverty

<sup>2</sup> Beyond the changes in highway traffic that could result from the Project, the analysis also takes into consideration reasonably foreseeable transportation projects. These are determined in coordination with the region’s Metropolitan Planning Organization, New York Metropolitan Transportation Council (NYMTC), as described in **Chapter 4A, “Regional Transportation Effects and Modeling.”**

<sup>3</sup> As per Federal Highway Administration (FHWA) Order 6640.23A, a disproportionately high and adverse effect on a minority or low-income population means the adverse effect is predominantly borne by such population or is appreciably more severe or greater in magnitude on the minority or low-income population than the adverse effect suffered by the non-minority or non-low-income population. Consideration of whether effects would be disproportionately high and adverse includes consideration of any measures to avoid, minimize, or mitigate potentially adverse effects.

<sup>4</sup> As noted in the USEPA’s September 22, 2022, letter concerning the Project, New York State’s Climate Leadership and Community Protection Act (CLCPA) requires that State agencies and authorities, when issuing administrative approvals and decisions, not disproportionately burden areas identified as “Disadvantaged Communities” by the Climate Justice Working Group and prioritize reductions of greenhouse gas emissions and co-pollutants in those communities. The Climate Justice Working Group released a draft list of Disadvantaged Communities to which this provision applies in 2021, and the final list of Disadvantaged Communities (by census tract) for all of New York State in March 2023. The criteria used to identify Disadvantaged Communities include climate change risks, and are different from the criteria used to identify environmental justice communities. Further, the Disadvantaged Communities are only relevant to New York State counties. Thus, the list of Disadvantaged Communities for the Project’s environmental justice study area differs somewhat from the environmental justice communities identified in the EA. Of the New York census tracts in the final list of Disadvantaged Communities located within the environmental justice study area for the EA, 955 of 1,002 are also identified as environmental justice communities in the EA, **Chapter 17, “Environmental Justice.”** In other words, 47 Disadvantaged Communities census tracts were not identified as environmental justice census tracts, though many of them are within the same communities as environmental justice census tracts. (Of note, the environmental justice analysis in the EA includes 776 New York census tracts that are not designated as Disadvantaged Communities.) With respect to the 47 Disadvantaged Communities census tracts that are not environmental justice census tracts in the environmental justice study area: 44 are within the broader communities for which current environmental and health burdens are evaluated in this technical Memorandum and three are within communities not addressed in this Technical Memorandum; however, further review indicates that one of those would experience a benefit (reduced traffic), and the other two would experience no change in traffic effects, under all tolling scenarios.

threshold in the census tract was higher than that percentage for the 28-county region. The census tracts identified as minority or low-income are considered environmental justice communities in this Technical Memorandum and are consistent with those identified in **Chapter 17, “Environmental Justice.”**

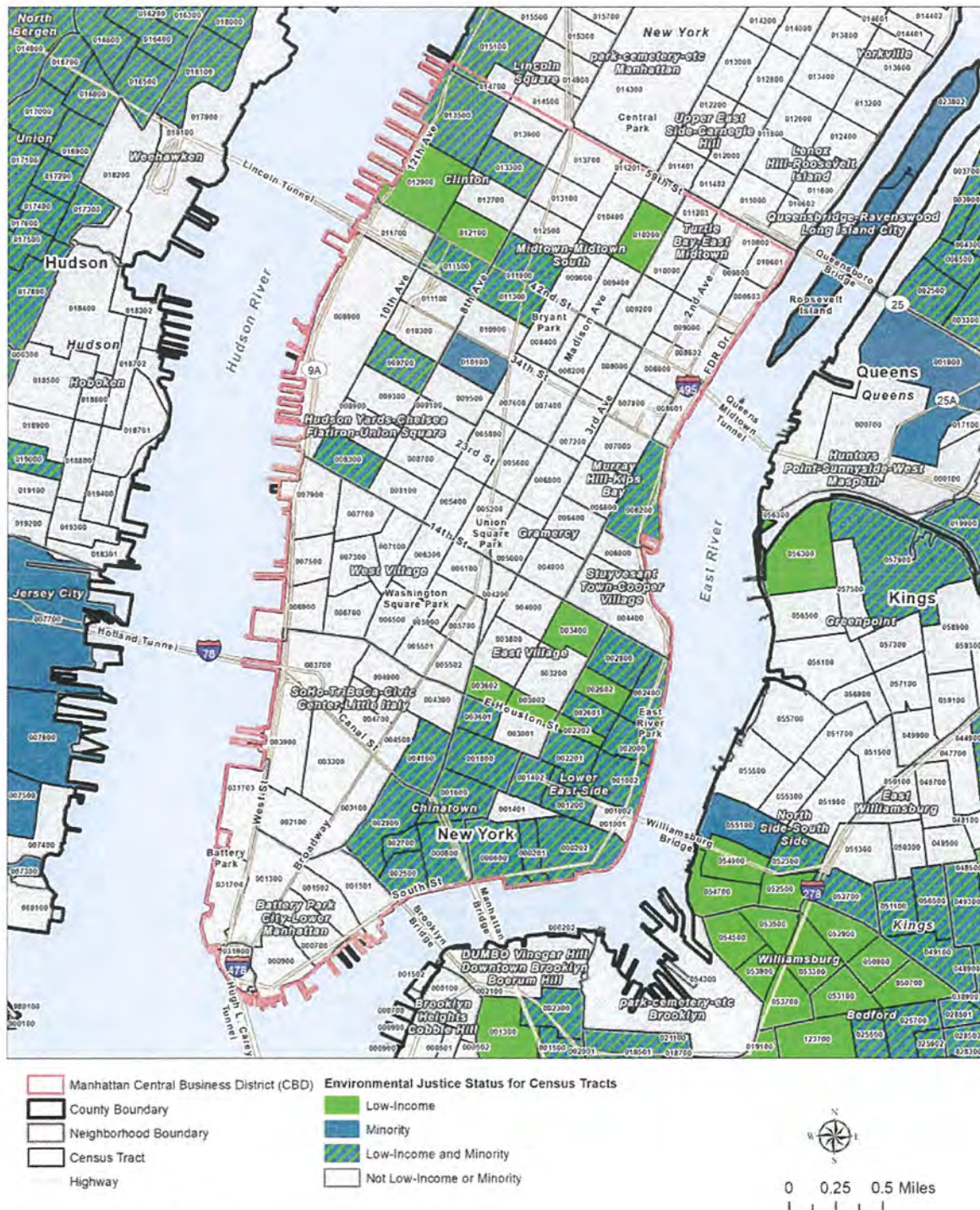
As shown in **Figure 17D-1**, environmental justice census tracts in the Manhattan CBD are generally located in the neighborhoods of Chinatown, the Lower East Side, and Hell’s Kitchen/Clinton, with several additional tracts in other neighborhoods. Outside the Manhattan CBD, environmental justice populations span more than 300 different neighborhoods and local communities. Importantly, of the 3,106 census tracts in the 10-county study region, over 70 percent (2,193) are environmental justice communities and fewer than 30 percent (914) are non-environmental justice communities (**Figure 17D-2**). Thus, both positive and adverse Project effects are likely to be experienced by more environmental justice communities than non-environmental justice communities.

As discussed in the EA, all tolling scenarios in the CBD Tolling Alternative would provide benefit by reducing automobile and truck trips to the Manhattan CBD, reducing vehicle miles traveled (VMT) to and within the Manhattan CBD and regionally, and shifting auto trips to transit. The Project will also bring broad benefits by generating revenue for investment in transit, which is particularly beneficial to environmental justice populations who rely on public transit for commuting and other trips. However, depending on the CBD Tolling Scenario recommended by the Traffic Mobility Review Board and adopted by the TBTA Board, the Project would result in traffic diversions around Manhattan, into the Bronx and northern New Jersey, and through Brooklyn into Staten Island, as some people who would otherwise travel through the Manhattan CBD would choose a different path to avoid the new toll.

This Technical Memorandum begins with a discussion of pollutants associated with vehicle traffic and associated health effects, a summary description of populations at higher risk, and the importance of proximity to traffic. To provide context, the discussion continues with an historical description of how the 10-county environmental justice study area—and the environmental justice communities therein—developed. A depiction of pre-existing pollutant and health-burdens across the study area follows before presenting the changes in traffic, associated with the CBD Tolling Alternative, and where these changes would occur relative to environmental justice populations already overburdened with pre-existing pollutant or chronic disease burdens, relative to national percentiles. The Technical Memorandum also shows the distribution of decreases and increases in traffic among environmental justice communities and non-environmental justice communities with pre-existing pollutant or chronic disease burdens. The Technical Memorandum identifies potential adverse effects on certain potentially vulnerable communities and describes mitigation measures to which the Project Sponsors are committing to address those potential adverse effects. The Technical Memorandum concludes that with the implementation of the mitigation commitments, the Project would not cause a disproportionately high and adverse effect on environmental justice populations.



Figure 17D-1. Environmental Justice Census Tracts in the Manhattan CBD

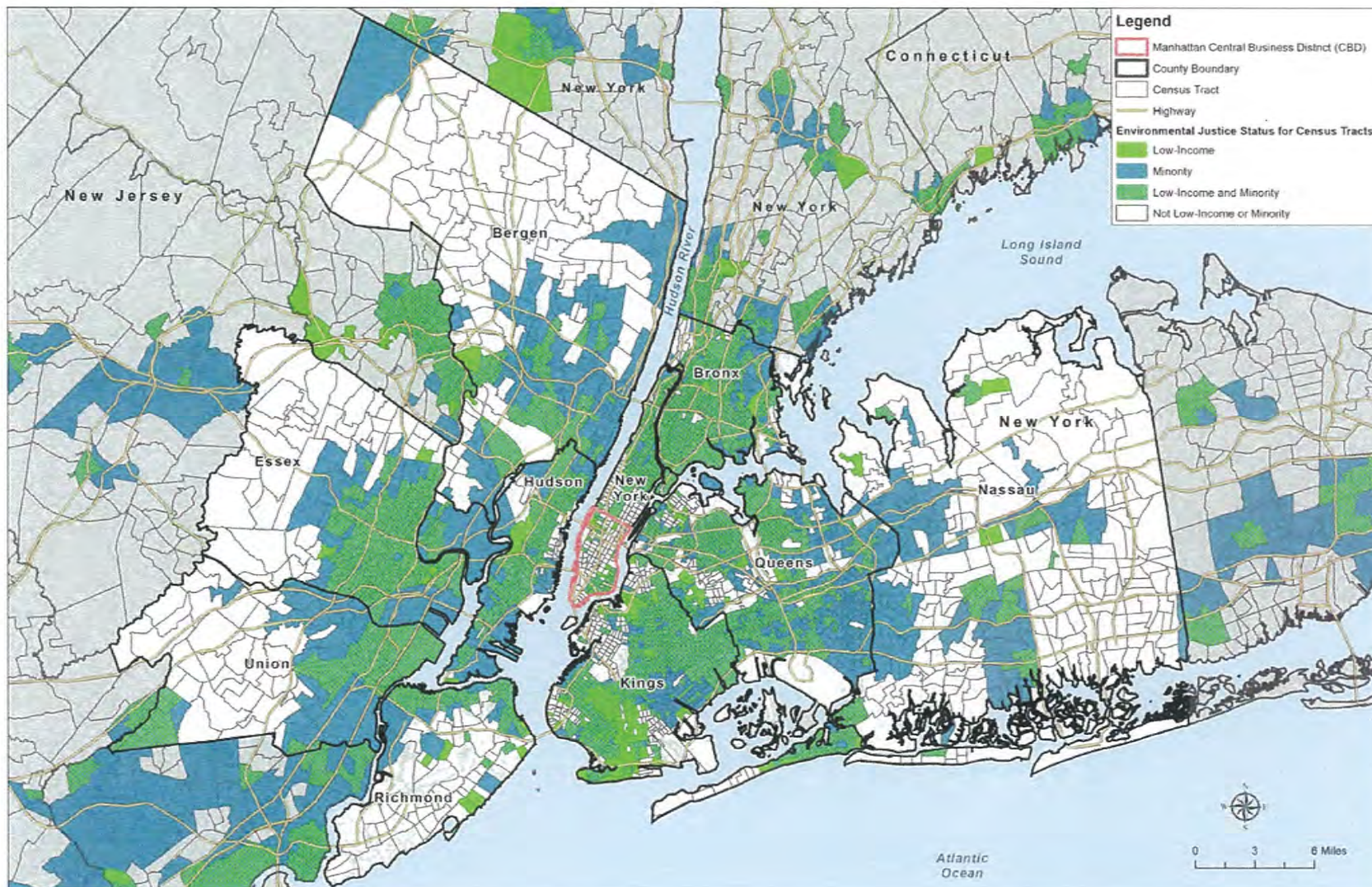


Source: U.S. Census Bureau ACS 2015–2019 5-Year Estimates.

Note: For an audio description, please go to the following link: <https://youtu.be/VdJt3LrAFng>.



Figure 17D-2. Environmental Justice Census Tracts in the 10-County Environmental Justice Study Area



Source: U.S. Census Bureau ACS 2015–2019 5-Year Estimates.

Note: Areas in gray are non-environmental justice census tracts. For an audio description, please go to the following link: <https://youtu.be/F2veub1A24E>.



## 17D-2. Effects of Traffic and Truck Traffic on Communities with Associated Air Pollutant and Health Burdens

As noted in Chapter 17, “Environmental Justice,” of the EA, a number of air pollutants are associated with adverse effects on human health. Studies have correlated certain air pollutants and poor air quality to asthma and other respiratory symptoms, cancer, diabetes, hypertension and heart disease, stroke, and low life expectancy.<sup>5</sup> The USEPA has also identified toxic noise (which can, but does not always, increase with proximity to traffic) as a risk factor as it is associated with the release of stress hormones which, in turn, are associated with health conditions including disturbed sleep, hypertension, elevated heart rate and heart disease, and stroke. The USEPA has also identified toxic noise (which can, but does not always, increase with proximity to traffic) as a risk factor, as it is associated with the release of stress hormones which, in turn, are associated with health conditions including disturbed sleep, hypertension, elevated heart rate and heart disease, and stroke. Appendix A, “Studies Linking Pollutants to Health Outcomes,” provides a list of sources describing and/or assessing air pollutants and noise and their correlation to various illnesses and chronic conditions.

### 17D-2.1 AIR POLLUTANTS ASSOCIATED WITH TRAFFIC AND TRUCK TRAFFIC

Though air pollutants have many sources, vehicles produce air pollutants in several ways: (1) they generate brake and tire particulates; (2) they can disperse roadway dust into the surrounding air;<sup>6</sup> and, most importantly, (3) they burn fossil fuels in their internal-combustion engines. As described in Appendix 10A, “Description of Pollutants and MOVES Modeling Files (Electronic),” Section 10A.1 of the EA, vehicles with combustion engines release:<sup>7</sup>

- Carbon monoxide
- Mobile source air toxics<sup>8</sup>
- Nitrogen oxides

<sup>5</sup> New York City Department of Health and Mental Hygiene (NYC DOHMH). “Asthma”. Environment & Health Data Portal. <https://a816-dohbep.nyc.gov/IndicatorPublic/beta/data-explorer/asthma/?id=2380#display=summary>; USEPA. EnviroAtlas Eco-Health Relationship Browser. [https://enviroatlas.epa.gov/enviroatlas/Tools/EcoHealth\\_RelationshipBrowser/index.html](https://enviroatlas.epa.gov/enviroatlas/Tools/EcoHealth_RelationshipBrowser/index.html); NYC DOHMH. 2018. “Mott Haven and Melrose.” Community Health Profiles 2018. <https://www.nyc.gov/assets/doh/downloads/pdf/data/2018chp-bx1.pdf>. p. 16.

<sup>6</sup> USEPA. 2014. “Near Roadway Air Pollution and Health: Frequently Asked Questions.” [US]EPA-420-F-14-044. August. <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100NFFD.PDF?Dockkey=P100NFFD.PDF>. p. 1.

<sup>7</sup> Both lead and sulfur dioxide emissions from on-road mobile sources have substantially decreased due to the Federally mandated switch to lead free gasoline and ultra-low sulfur diesel fuel, and so are not listed here.

<sup>8</sup> As defined by USEPA, air toxics, often referred to as hazardous air pollutants (HAPs), are pollutants that are known or suspected to cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental effects. [US]EPA regulates 187 chemicals under its HAP program (USEPA, 2009d). Most air toxics originate from transportation and industry, including motor vehicles, industrial facilities, and power plants. USEPA. EJSCREEN Environmental Justice Mapping and Screening Tool: EJSCREEN Technical Documentation. September 2019. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf).

- Particulate matter smaller than or equal to, 10 microns (PM<sub>10</sub>) or 2.5 microns (PM<sub>2.5</sub>) in size<sup>9, 10</sup>

Although all motor vehicles produce air pollutants, emissions from trucks are of particular concern to near-road air quality because they are predominantly powered by diesel fuel. Exhaust from diesel engines contains a mixture of gases and solid particles, broadly referred to as diesel particulate matter, that contains toxic compounds which can be harmful to peoples' health.<sup>11, 12</sup>

As diesel-powered trucks emit more of certain pollutants per vehicle than other motor vehicles, they disproportionally contribute more emissions.<sup>13, 14</sup> Indeed, concerns about Project-generated increases in truck traffic in environmental justice communities were specifically raised during early outreach efforts and by commenters on the EA. Thus, discussion of the Project-related effects of traffic presented throughout this Technical Memorandum focuses first on truck traffic diversions, but also identifies potential diversionary effects for non-truck traffic on highways where truck diversions would not occur.

More details on pollutants of concern and their associated health effects can be found in **Appendix 10A, "Description of Pollutants and MOVES Modeling Files (Electronic),"** Section 10A.1 of the EA and on the USEPA's website: <https://www.epa.gov/pm-pollution>.

## 17D-2.2 POPULATIONS AT HIGHER RISK FOR HEALTH EFFECTS ASSOCIATED WITH AIR POLLUTANTS

According to the USEPA, certain populations could be more at risk from the health effects of particle pollution as a result of pre-existing conditions, lifestage (i.e., infants, children, pregnant women, older adults), and socioeconomic status. For this reason, sensitive receptors that contain high percentages of these populations (e.g., hospitals, schools, daycare facilities, elder-care facilities) are of specific concern

<sup>9</sup> According to the NYC DOHMH, building boilers, used for heating, are responsible for half of all PM<sub>2.5</sub> emissions in the city; approximately 17 percent comes from traffic; source: NYC DOHMH. 2019. "Breathe easy: NYC's air quality is improving" Oct. 24. <https://a816-dohbsp.nyc.gov/IndicatorPublic/beta/data-stories/breatheeasy/>.

<sup>10</sup> According to USEPA, "the size of particles is directly linked to their potential for causing health problems. Small particles less than 10 micrometers in diameter pose the greatest problems, because they can get deep into your lungs, and some may even get into your bloodstream. People with heart or lung diseases, children, and older adults are the most likely to be affected by particle pollution exposure." USEPA. "Health and Environmental Effects of Particulate Matter (PM)." Accessed on October 21, 2022. <https://www.epa.gov/pm-pollution/health-and-environmental-effects-particulate-matter-pm#:~:text=Environmental%20Effects%201%20Visibility%20impairment%20Fine%20particles%20%28PM,ground%20or%20water.%20...%203%20Materials%20damage%20>.

<sup>11</sup> USEPA. 2021. "Diesel Particulate Matter (PM) Air Toxics." EnviroAtlas National Data Fact Sheet. January. <https://enviroatlas.epa.gov/enviroatlas/DataFactSheets/pdf/Supplemental/DieselPMairtoxics.pdf>.

<sup>12</sup> According to USEPA, exposure to diesel exhaust can lead to health conditions like asthma and respiratory illnesses and can worsen existing heart and lung disease, especially in children and the elderly. These conditions, in turn, can result in increased numbers of emergency room visits, hospital admissions, absences from work and school, and premature deaths.

<sup>13</sup> USEPA. 2014. "Near Roadway Air Pollution and Health: Frequently Asked Questions." [US]EPA-420-F-14-044. August. <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100NFFD.PDF?Dockey=P100NFFD.PDF>. p. 3.

<sup>14</sup> Lattanzio, Richard. 2022. Heavy Duty Vehicles, Air Pollution, and Climate Change. Report IF12043. Washington, DC: Congressional Research Service. <https://crsreports.congress.gov/product/pdf/IF/IF12043>.



## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Exposure to Health Hazards

with regard to exposure to diesel emissions.<sup>15</sup> A brief discussion of each of the sensitive populations follows:<sup>16</sup>

- **Pre-existing conditions:** individuals with pre-existing diseases could be more susceptible to pollutants since pre-existing medical conditions can directly influence the underlying processes involved in the response of an individual to a contaminant condition by making an individual less resistant to infection.
- **Children:** children can be exposed to some chemicals at higher rates or higher concentrations than adults because they consume more of certain foods and water per unit of body weight, have a higher ratio of body surface area to volume, and have different activity patterns. Because some chemicals accumulate differently in human breast milk, infants who are breastfed may also be exposed to pollutants in ways different than adults or even older children. Both infants and children may not have fully developed defense mechanisms against microbial and chemical contaminants.
- **Pregnant Women:** during pregnancy, changes in the endocrine system and metabolism may influence the body's response to a toxic substance. Additionally, fetuses may be at increased risk if exposure to a toxin occurs during critical developmental stages.
- **Older Adults:** older adults may be more affected by exposures to certain environmental agents because of physiological differences associated with age (e.g., organ systems become less effective at detoxification). Furthermore, older adults may be less able to mount an effective defense against contaminants because of a weakened immune system or pre-existing disease.
- **Socioeconomic Status:** factors related to socioeconomic status (e.g., income, level of education, occupation) may also have indirect effects on environmental exposures and health outcomes, as people with low incomes may not have the same access to health care as those in higher income groups and may bear greater exposure and disease burdens associated with where they live, work, or play that can increase their risk of adverse health effects from environmental hazards.

<sup>15</sup> For example, across the 10-county environmental justice study area, there are over 3,900 private and public schools based on data from the National Center for Education Statistics and the National Center for Education Statistics. Data on sensitive receptor locations and consultation with the CBD Tolling Program Environmental Justice Community Group would be used to inform the implementation of place-based mitigation measures as described in Section 17D-7.2 of this Technical Memorandum.

<sup>16</sup> More information can be found on USEPA's website: <https://www.epa.gov/expobox/exposure-assessment-tools-lifestyles-and-populations>.

**17D-2.3 PROXIMITY TO TRAFFIC**

In identifying the effects of increased traffic on potentially vulnerable communities, both the type of roadways and the distance from roadways are factors. Concentrations of air pollutants and their effects on individuals are more severe near major roads that are heavily traveled or have substantial truck traffic.<sup>17</sup>

Further, researchers have found that the effects on individuals from exposure to roadway pollution are most common within 300 meters (approximately 1,000 feet) of such roadways.<sup>18</sup> USEPA notes that the highest concentrations of roadway pollutants occur on or just downwind of a roadway; with greater distance from a roadway, concentrations of roadway-related pollutants generally decrease to background levels within approximately 150 to 180 meters (500 to 600 feet).<sup>19</sup> USEPA further notes that:

Residential proximity to traffic has been associated with various health impacts, particularly asthma exacerbation and possibly onset of asthma, as well as mortality rates (Baumann et al., 2011; Health Effects Institute, 2010). Proximity to traffic has also been associated with subclinical atherosclerosis (a key pathology underlying cardiovascular disease (CVD)), prevalence of CVD and coronary heart disease (CHD), incidence of myocardial infarction, and CVD mortality (Hoffman et al., 2009).<sup>20</sup>

In recognition of the potential risks, some state and local policies restrict new construction near major roads.<sup>21</sup> In the Project's study area, however, residential and other sensitive uses preceded development of the roadways in many locations.

<sup>17</sup> USEPA, Office of Transportation and Air Quality. Near Roadway Air Pollution and Health: Frequently Asked Questions, [US]EPA-420-F-14-044, August 2014. <http://nepis.epa.gov/Exe/ZyPDF.cgi/P100NFFD.PDF?Dockey=P100NFFD.PDF>.

<sup>18</sup> Samuels, Gabe and Yonah Freemark. The Polluted Life Near the Highway: A Review of National Scholarship and a Louisville Case Study. Urban Institute, November 2022. <https://www.urban.org/sites/default/files/2022-11/The%20Polluted%20Life%20Near%20the%20Highway.pdf>.

<sup>19</sup> USEPA, Office of Transportation and Air Quality. Frequently Asked Questions: Near Roadway Air Pollution and Health: Frequently Asked Questions, [US]EPA-420-F-14-044, August 2014. <http://nepis.epa.gov/Exe/ZyPDF.cgi/P100NFFD.PDF?Dockey=P100NFFD.PDF>.

<sup>20</sup> USEPA. 2019. EJSCREEN Technical Documentation. September. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf).

<sup>21</sup> See, for example, California Senate Bill No. 352, Chapter 668 (October 03, 2003).



### 17D-3. Past, Present, and Reasonably Foreseeable Actions Influencing Pollutant and Chronic-Disease Burdens

#### 17D-3.1 PAST LAND-USE AND TRANSPORTATION PRACTICES, AND HOW THESE HAVE CONTRIBUTED TO POLLUTANT BURDENS

The New York metropolitan region's transportation system, including its ports, waterways, railroads, and highways, has had a lasting effect on development of the area. For many years, port uses, manufacturing, and wholesale markets dominated waterfront sections of Manhattan, Brooklyn, Queens, and the Bronx, where affordable housing for the workers was also co-located. In some areas, New York City developed public housing to replace tenement blocks, and in doing so, created permanent enclaves of affordable units on large blocks covering large sections of certain neighborhoods (i.e., East Harlem, Lower East Side, Red Hook, Downtown Brooklyn, Williamsburg, Long Island City, Upper Manhattan, and the South Bronx).<sup>22, 23</sup> Similarly, in New Jersey, from the 19th Century to about the middle of the 20th Century, railroads dominated the waterfront with large terminals and yards in Hoboken and Jersey City. Adjacent neighborhoods housed workers from that industry until the latter half of the 20th Century, when large tracts of land became abandoned or underused as railroad operations declined.

The region's highway network was developed in the mid-20th Century. In many cases, highway construction cut through apartment blocks, displacing residents and businesses. In other cases, highways formed physical boundaries between neighborhoods, isolating residents from commercial centers and from their former neighbors as was the case with construction of the Cross Bronx Expressway. Over time, many neighborhoods adjacent to highways experienced an exodus of residents who were replaced by new ethnic or economic groups, leading to marked neighborhood change in some places, and the new residents established new ethnic enclaves (e.g., Puerto Rican settlement of East Harlem and the South Bronx).<sup>24</sup> Because many of these newly established residential populations were largely minority and/or low-income, today many neighborhoods adjacent to highways are identified as environmental justice communities.<sup>25 26</sup>

<sup>22</sup> Jackson, Kenneth T, New-York Historical Society, and Proquest Firm. 2010. *The Encyclopedia of New York City*. New Haven: Yale University Press.

<sup>23</sup> Mahler, Jonathan. 2012. "How the Coastline Became a Place to Put the Poor." *The New York Times*, December 4, 2012, sec. New York. <https://www.nytimes.com/2012/12/04/nyregion/how-new-york-citys-coastline-became-home-to-the-poor.html?searchResultPosition=1>.

<sup>24</sup> Grace Brennan, *Park on the Highway: Building a Cap Park as a Solution to Decades of Devastation Caused by the Construction of the Cross-Bronx Expressway*, 49 *Fordham Urb. L.J.* 825 (2022). <https://ir.lawnet.fordham.edu/ulj/vol49/iss4/4>.

<sup>25</sup> Sooyoung Kim, Zafar Zafari, Martine Bellanger, and Peter Alexander Muennig, 2018. "Cost-Effectiveness of Capping Freeways for Use as Parks: The New York Cross Bronx Expressway Case Study." *American Journal of Public Health* 108. P. 379-384. <https://doi.org/10.2105/AJPH.2017.304243>.

<sup>26</sup> Sooyoung Kim, Zafar Zafari, Martine Bellanger, and Peter Alexander Muennig, 2018. "Cost-Effectiveness of Capping Freeways for Use as Parks: The New York Cross Bronx Expressway Case Study." *American Journal of Public Health* 108. P. 379-384. <https://doi.org/10.2105/AJPH.2017.304243>.

Beyond land use and transportation practices, other policies and practices have contributed to or amplified these effects. For example, in some areas, discriminatory real estate practices such as redlining severely restricted where minority populations could locate, concentrating minority communities in certain areas.<sup>27</sup>

### 17D-3.2 HISTORICAL, CURRENT, AND ANTICIPATED TRENDS IN POLLUTANT EMISSIONS

New York City's air quality has been improving in many ways since 1990; indeed, the City has experienced substantial declines in the annual average of USEPA's criteria pollutants since 1990.<sup>28</sup> Regulatory monitoring by New York State Department of Environmental Conservation (NYSDEC) shows a decrease of over 80 percent in sulfur dioxide (SO<sub>2</sub>) and a roughly 65 percent reduction in nitrogen dioxide (NO<sub>2</sub>) since 2000. The region has also seen reductions in the levels of fine particulate matter (PM<sub>2.5</sub>), while ozone (O<sub>3</sub>) levels have remained steady. The New York City region was found to be in nonattainment of the 1997 annual and 2006 24-hour PM<sub>2.5</sub> NAAQS of 15 µg/m<sup>3</sup> and 35 µg/m<sup>3</sup>, respectively. In recognition that the region had improved to the point of meeting air quality standards for this pollutant, the area was reclassified as a maintenance area for these standards in 2014. The region is now classified as an attainment area for the more stringent 2012 PM<sub>2.5</sub> annual standard of 12 µg/m<sup>3</sup>.

The New York City Community Air Survey (NYCCAS), a neighborhood level air quality monitoring network run by the New York City Department of Health, has also tracked similar improvements since the first year of monitoring in 2009. Between 2009 and 2019, individual New York City neighborhoods experienced declines in pollutant levels between 22 and 42 percent for PM<sub>2.5</sub> (**Figure 17D-3**), and between 20 and 40 percent for NO<sub>2</sub>, while SO<sub>2</sub> decreased by 98 percent citywide. Improvements in air quality can be attributed to local policies and regulations, including the City's effort to phase out residual heating oil, as well as New York State regulations reducing the sulfur content of heating oil and more stringent Federal fuel standards for vehicles and emissions standards for power plants. Also, there is evidence of reduced PM<sub>2.5</sub> from residual oil burning, marine vessels, and motor vehicle exhaust. Policies targeting sulfur, NO<sub>x</sub>, and PM<sub>2.5</sub> emissions have reduced the air quality impacts of both local and regional sources.<sup>29</sup>

<sup>27</sup> Negret, Marcel, and Carlos Mandeville. 2020. "Housing Segregation Is a Choice." Regional Plan Association. August 21, 2020. <https://rpa.org/latest/lab/housing-segregation-is-a-choice>.

<sup>28</sup> USEPA, OAR. 2022. "Air Quality - Cities and Counties | USEPA." USEPA. June 1, 2022. <https://www.epa.gov/air-trends/air-quality-cities-and-counties>.

<sup>29</sup> Pitiranggon, Masha, et al. "Long-term trends in local and transported PM<sub>2.5</sub> pollution in New York City." Atmospheric Environment, Volume 248. March 1, 2021. Accessed on November 8, 2022, at: <https://doi.org/10.1016/j.atmosenv.2021.118238>.



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 Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens

Figure 17D-3. PM<sub>2.5</sub> Trends in New York City (2009 to 2019)



Source: <https://nyccas.cityofnewyork.us/nyccas2021v9/report/2>.

The effects of New York City's policies and other regional and local initiatives and regulations for improving air quality can also be seen in neighboring jurisdictions. Air quality monitoring data, as report in USEPA's AirData database, show declining PM<sub>2.5</sub> levels for Hudson, Bergen and Suffolk Counties from 2009 to 2019.<sup>30</sup> Indeed, over the past 10 years, PM<sub>2.5</sub> levels have been below both the 24-hour and annual standards (35  $\mu\text{g}/\text{m}^3$  and 12  $\mu\text{g}/\text{m}^3$ , respectively).<sup>31</sup> Furthermore, although there are annual variations, the data show an overall improvement in PM<sub>2.5</sub>.<sup>32</sup>

These data are further supplemented by data from both the New York State Department of Health's (NYSDOH) Air Pollution Tracker, and the New Jersey Department of Environmental Protection's (NJDEP) Air Toxic Trend Tracker. The NYSDOH's Air Pollution Tracker shows declines in the average concentration of PM<sub>2.5</sub> levels to below the 24-hour and annual standards of 35  $\mu\text{g}/\text{m}^3$  and 12  $\mu\text{g}/\text{m}^3$ , respectively, from 2000-2017 in Suffolk County, and from 2000-2011 in Nassau County.<sup>33, 34</sup> The NJDEP Air Toxic Trend Tracker also shows substantial declines in average ( $\mu\text{g}/\text{m}^3$ ) concentrations of the mobile air toxics benzene and 1,3-Butadiene in Union County from 2001 to 2020, further exhibiting improvements in the region's overall air quality in recent decades (Figure 17D-4).<sup>35</sup>

<sup>30</sup> The New York State Department of Environmental Conservation (NYSDEC) does not have a Nassau County Particulate Matter monitor. As such, no particulate matter data are reported for Nassau County in USEPA's AirData database.

<sup>31</sup> Data reported by USEPA differs from New York City Community Air Survey (NYCCAS) data in collection methods, sampling and certification.

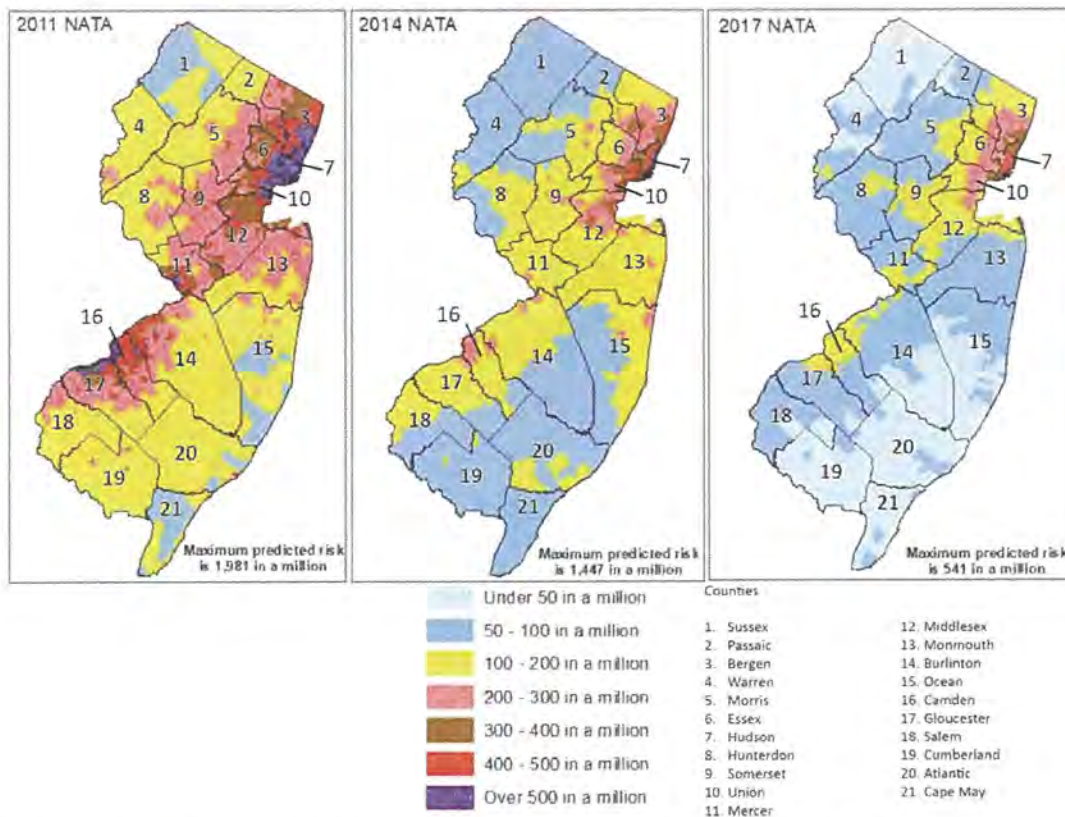
<sup>32</sup> Several locations (East Farmingdale Water Dist., 72 Gazza Blvd.; Engine 5/Ladder 6, 355 Newark Avenue; 320 Main Street). (2019). Monitored USEPA data for PM<sub>2.5</sub>, the primary pollutant of concern from diesel emissions, for Hudson, Bergen, and Suffolk Counties. Suffolk County, Jersey City, and Fort Lee, respectively.

<sup>33</sup> 2011 and 2017 were the last years that the NYS DOH collected PM<sub>2.5</sub> data for Nassau and Suffolk Counties, respectively.

<sup>34</sup> Air Pollution. Environmental public health tracker – New York State Department of Health (NYSDOH). (n.d.). Retrieved December 16, 2022, [https://apps.health.ny.gov/statistics/environmental/public\\_health\\_tracking/tracker/index.html#/airpollutionCountyTrend](https://apps.health.ny.gov/statistics/environmental/public_health_tracking/tracker/index.html#/airpollutionCountyTrend).

<sup>35</sup> Air Toxics Trends. New Jersey Department of Environmental Protection (NJDEP) | Air Quality, Energy and Sustainability (AQES) | Air Monitoring | Air Toxic Trends. (2022, September 1). Retrieved December 16, 2022, from <https://www.state.nj.us/dep/airmon/air-toxics.html>.

Figure 17D-4. Diesel Particulate Risk Trends in New Jersey (2011 to 2017)



Source: New Jersey Department of Environmental Protection (NJDEP). 2022. NJDEP: Air Toxics. Air Toxics.  
<https://dep.nj.gov/airplanning/airtoxics/>

Recognizing that diesel emissions from trucks and buses are of particular concern as a source of particulate matter, a number of Federal, state, and local initiatives have been developed and implemented to reduce air pollution from vehicular emissions as well as other sources. Some notable laws and programs to reduce particulate matter emissions in New York City and the region include the following:

- **MTA's Zero-emissions Program.**<sup>36</sup> This program advances air quality goals at the state level through investments in zero-emissions buses, upgrades to MTA facilities to accommodate the zero-emissions buses, and modifications to workforce practices and policies to support these changes.
- **USEPA final emissions standards for heavy-duty vehicles.**<sup>37</sup> The more stringent standards for trucks, beginning with model year 2027 will substantially reduce emissions of NO<sub>x</sub> from heavy-duty gasoline and diesel engines.

<sup>36</sup> New York City Transit and Metropolitan Transportation Authority (MTA) Bus Company. MTA Zero-Emission Bus Transition Plan. May 2022. Accessed on November 8, 2022, at <https://new.mta.info/document/91336>.

<sup>37</sup> USEPA. 2022. Final EPA Standards for Heavy-Duty Vehicles to Slash Dangerous Pollution and Take Key Step Toward Accelerating Zero-Emissions Future. December 20. <https://www.epa.gov/newsreleases/final-epa-standards-heavy-duty-vehicles-slash-dangerous-pollution-and-take-key-step>.



## 17D-4. Existing Traffic Proximity

Notwithstanding the progress in reducing pollutant emissions, the region's history of land-use and transportation development is still felt today by residents living near roadway traffic.

Multiple environmental justice screening tools, such as CDC's Environmental Justice Index (EJI), USEPA's EJScreen, and the White House Council on Environmental Quality's (CEQ) Climate and Economic Justice Screening Tool (CEJST) include measures of exposure to traffic. EJScreen's "traffic proximity" environmental indicator is equal to the count of all classes of vehicles per day (also known as average annual daily traffic, or "AADT") on major roadways within 500 meters (approximately 1,600 feet) of a census block centroid, divided by distance in meters.<sup>38</sup> Dividing the vehicle count by distance accounts for the fact that pollutants and noise from traffic are greater when closer to the roadway. For geographies larger than a census block, the distances are presented as a population-weighted average of all the blocks in the larger geography since people are not evenly distributed across a block group, tract, or larger area.<sup>39</sup>

As with other environmental justice screening tools, EJScreen's environmental indicator for traffic proximity is presented both as a magnitude and a percentile value so that users can identify places in the United States with the greatest pollutant burdens. For example, any census tract having a traffic proximity indicator with a national percentile value of 50 or more means that the burden for traffic proximity is greater than or equal to half of all census tracts in the United States. Because USEPA's EJScreen indices are, on average, higher in the 28-county region and in the 10-county environmental justice study area than in the nation overall, a local comparison could potentially suppress populations that are more highly burdened relative to communities nationwide from being considered in the analysis. Therefore, this Technical Memorandum refers to the national percentiles.

<sup>38</sup> EJScreen provides three types of indices for describing air toxics, diesel particulate matter, and PM<sub>2.5</sub> burdens: 1) environmental indicators, which describe pollutant levels or health risk; 2) environmental justice indices, which combine environmental indicators with racial and income data; and 3) supplemental indices, which combine environmental indicators with income, English-proficiency, education, employment, and life-expectancy data. The Project Sponsors used EJScreen's environmental indicator for the analysis presented here since income and minority status were already considered when designating tracts as environmental justice communities for the EA and this analysis as well, as described in Section 17D-1, above. Note that some USEPA publications refer to the EJScreen program in capital letters (i.e., "EJSCREEN") while others refer to it as "EJScreen." In this document, the Project Sponsors refer to it as EJScreen unless referring to the title of a document in which it appears in all-capital letters. Refer to USEPA. EJSCREEN Environmental Justice Mapping and Screening Tool: EJSCREEN Technical Documentation. September 2019. [https://19january2021snapshot.epa.gov/sites/static/files/2017-09/documents/2017\\_ejscreen\\_technical\\_document.pdf](https://19january2021snapshot.epa.gov/sites/static/files/2017-09/documents/2017_ejscreen_technical_document.pdf), and USEPA. 2022. EJScreen Technical Documentation. October. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf). Note that while EJScreen uses 500 meters, much of the literature on this topic suggests that beyond 200-300 meters, the pollutants begin to mirror ambient air quality levels. Further, some have demonstrated that the pollution is more likely to persist within 300 meters. See, for example, Gabe Samuels and Yonah Freemark. "The Polluted Life Near the Highway: A Review of National Scholarship and a Louisville Case Study." Urban Institute. (November 2022). <https://www.urban.org/sites/default/files/2022-11/The%20Polluted%20Life%20Near%20the%20Highway.pdf>.

<sup>39</sup> Refer to USEPA. 2019. EJSCREEN Technical Documentation. September. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf). pp. 48-52, 97-100. EJScreen obtains traffic data from FHWA's Highway Performance Monitoring System, which includes interstates, highways, parkways, principal arterials and minor arterials in urban areas.

Figure 17D-5 depicts current traffic proximity in environmental justice census tracts within the 10-county environmental justice study area with a residential population of one or more.<sup>40</sup> Traffic proximity is higher along many of the region's interstate highways, such as the Cross Bronx, Major Deegan, and Bruckner Expressways in Bronx County; the Long Island Expressway in Queens and Nassau Counties; the Van Wyck Expressway and Belt Parkway in Queens County; the Staten Island Expressway in Richmond County; the Belt Parkway and Brooklyn Queens Expressway in Kings County; the Garden State Parkway and Interstate 280 in Essex County; the New Jersey Turnpike in Essex and Bergen Counties; the approaches to the Holland and Lincoln Tunnels in Hudson County; and arterial streets, like Ocean Parkway and Linden Boulevard in Kings County as well as Teaneck Road in Bergen County.

Across the environmental justice census tracts in the 10-county environmental justice study area, the mean national percentile is 77.1, meaning that the average individual living in the study area's environmental justice tracts is closer to more daily traffic than 77 percent of US residents. However, within the study area there is a large range, with some environmental justice tracts as low as the 3.7th percentile and others as high as the 99.9th percentile for traffic proximity.

<sup>40</sup> The Project Sponsors are presenting data at the census tract level as published by USEPA. Though EJScreen makes its data available for blocks and block groups in addition to tract, the Project Sponsors used tract-level data for comparability to other data referred to in this document which is not available at the block or block group level. The census tract is the smallest geography available for CDC EJI data. The BPM, which is the source of potential traffic change data for the Project, uses tracts as the smallest unit of geography as well. Finally, according to USEPA: "EJScreen relies on demographic and environmental estimates that involve substantial uncertainty. This is especially true when looking at a small geographic area, such as a single Census block group.... Therefore, it is typically very useful and advisable to summarize EJScreen data within a larger area that may cover several block groups...." USEPA further notes that, unlike other indicators, EJScreen's environmental indicators for air quality, including particulate matter and air toxics, "were obtained for each Census tract, so each block group in a tract was assigned the same environmental indicator value, as described in the Technical Documentation." For more information, see USEPA, 2022. Limitations and Caveats in Using EJScreen. <https://www.epa.gov/ejscreen/limitations-and-caveats-using-ejscreen>

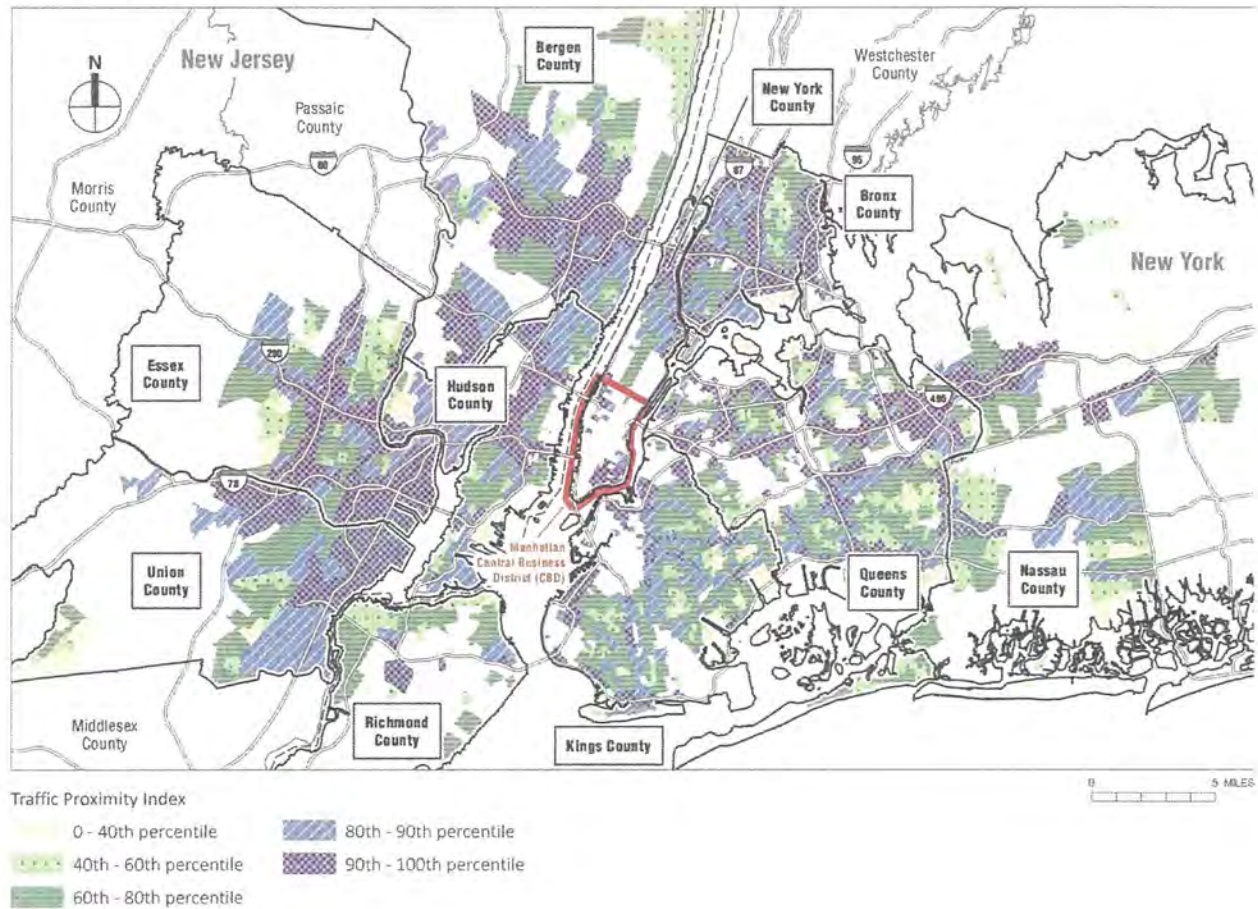


Original Bureau of Census (CSC) Policy Planning and Research Division

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Figure 17D-5. Existing Traffic Proximity in Environmental Justice Census Tracts



Source: EJScreen 2021 data.

Note: Percentiles are national.

## 17D-5. Pre-Existing Pollutant and Health Burdens in the Study Area

This section describes pre-existing pollutant and chronic disease burdens for the 10-county environmental justice study area. The Project Sponsors gathered data from national sources on pre-existing pollutant and chronic disease burdens that are cited in multiple environmental justice screening tools. Data describing pre-existing chronic disease burdens from state and local health departments provide additional indicators not found in the national datasets.

### 17D-5.1 INDICATORS OF POLLUTANT BURDENS

Comments from the USEPA on the CBD Tolling Program EA focused on Project-induced changes in traffic, and in particular truck trips, because of the association between truck emissions and health. Consistent with USEPA's comments, the Project Sponsors gathered three measures sourced from USEPA's National Air Toxics Assessment (NATA) that describe the burdens from pollutants that are influenced by mobile source emissions:

- Air Toxics Cancer Risk, or the estimated lifetime inhalation cancer risk from the analyzed carcinogens in ambient outdoor air, expressed as the chance, in one million, of developing cancer from inhalation of air toxics.<sup>41</sup>
- Air Toxics Respiratory Hazard Risk, which is the exposure to air toxics relative to the amount of those toxics at which health effects would be expected, expressed as a number between 0 and 1, where 1 indicates a level of exposure that would be expected to cause negative health effects.<sup>42</sup>
- Diesel Particulate Matter, expressed as concentration in the air in units of  $\mu\text{g}$  per cubic meter.<sup>43</sup>

The Project Sponsors also gathered data on the burden of  $\text{PM}_{2.5}$  sourced from USEPA's Agency Air Quality System, which uses a combination of data from air-quality monitors and models to provide the concentration of  $\text{PM}_{2.5}$  in the air in units of  $\mu\text{g}$  per cubic meter.<sup>44</sup>

<sup>41</sup> Note that this air toxics measure is based on all sources of air toxics, not just mobile sources, such as on-road vehicles. USEPA. 2022. 2014 NATA: Assessment Results. <https://www.epa.gov/national-air-toxics-assessment/2014-nata-assessment-results>; CDC and Agency for Toxic Substances Disease Registry. Technical Documentation for the EJI 2022. <https://www.atsdr.cdc.gov/placeandhealth/eji/docs/EJI-2022-Documentation.pdf>.

<sup>42</sup> Note that this air toxics measure is based on all sources of air toxics, not just mobile sources, such as on-road vehicles. USEPA. 2022. 2014 NATA: Assessment Results. <https://www.epa.gov/national-air-toxics-assessment/2014-nata-assessment-results>; USEPA. Overview of Environmental Indicators in EJScreen. <https://www.epa.gov/ejscreen/overview-environmental-indicators-ejscreen>.

<sup>43</sup> USEPA. Overview of Environmental Indicators in EJScreen. <https://www.epa.gov/ejscreen/overview-environmental-indicators-ejscreen>; CDC and Agency for Toxic Substances Disease Registry. Technical Documentation for the EJI 2022. <https://www.atsdr.cdc.gov/placeandhealth/eji/docs/EJI-2022-Documentation.pdf>.

<sup>44</sup> Ibid.



Though multiple environmental justice screening tools include these measures, the Project Sponsors obtained these data on pollutant burdens from the environmental indicators published in USEPA's 2021 EJScreen dataset.<sup>45</sup>

### 17D-5.2 PRE-EXISTING POLLUTANT BURDENS IN THE 10-COUNTY ENVIRONMENTAL JUSTICE STUDY AREA

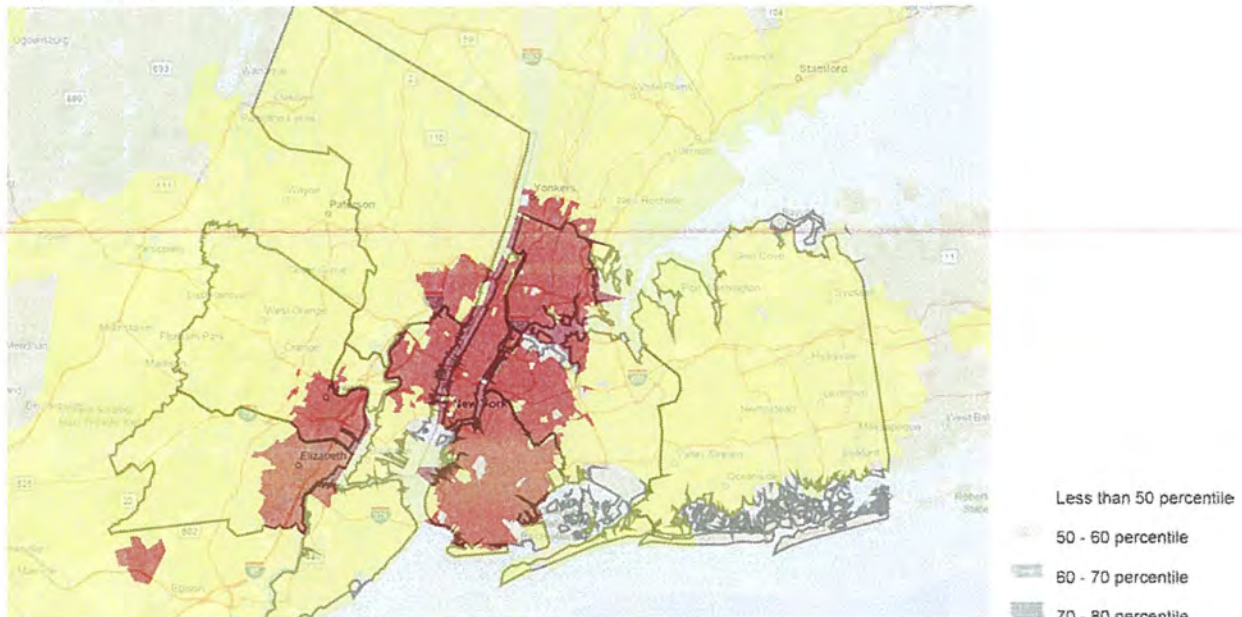
The people of the 10-county study region—whether they live in communities designated as environmental justice communities or in other communities—are burdened with high levels of air toxics cancer risk, air toxics respiratory hazards risk, and diesel particulate matter levels, when compared to the rest of the United States. **Figure 17D-6** depicts air toxics cancer risk and air toxics respiratory hazards index for the region, including communities designated as environmental justice communities and those which are not. Individuals in the Manhattan CBD and nearly all of Bronx, Kings, and Queens Counties, New York are exposed to air toxics cancer risk worse than 94 percent of the nation, as are those in Hudson, southeast Bergen, and large sections of Essex and Union Counties in New Jersey. Air toxics respiratory hazards are worse than in 94 percent of the nation's communities across even more of Bergen, Hudson, Essex, and Union Counties, as well as more of Nassau County. The other portions of the 10-county environmental justice study area have air toxics cancer risk and respiratory hazards at or above the 80th percentile of all US communities.

**Figure 17D-7** depicts levels of diesel particulate matter and PM<sub>2.5</sub> in the region's air. The diesel particulate matter levels, compared to those around the United States, are at or above the 80th percentile in nearly every part of the 10-county region, with levels at or above the 95th percentile across almost all of New York City, nearly all of Hudson County, New Jersey and large portions of Union, Essex, and Bergen Counties. As mentioned in **Section 17D-3.2** of this Technical Memorandum, PM<sub>2.5</sub> levels in region have improved in recent years, and no community in the 10-county environmental justice study area has levels that exceed the 80th percentile.

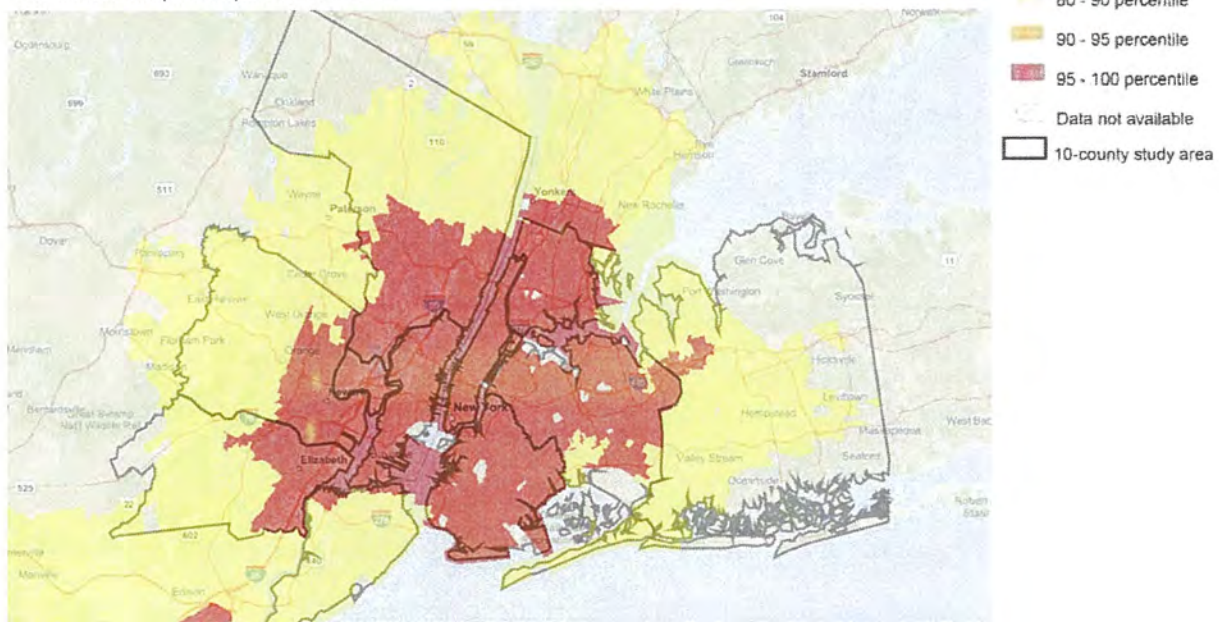
<sup>45</sup> EJScreen provides three types of indices for describing air toxics, diesel particulate matter, and PM<sub>2.5</sub> burdens: 1) environmental indicators, which describe pollutant levels or health risk; 2) environmental justice indices, which combine environmental indicators with racial and income data; and 3) supplemental indices, which combine environmental indicators with income, English-proficiency, education, employment, and life-expectancy data. The Project Sponsors used EJScreen's environmental indicator for the analysis presented here since income and minority status were already taken into account when designating tracts as environmental justice communities for the EA and this analysis as well, as described in **Section 17D-1**, above. Note that some USEPA publications refer to the EJScreen program in capital letters (i.e., "EJSCREEN") while others refer to it as "EJScreen." In this document, the Project Sponsors refer to it as EJScreen unless referring to the title of a document in which it appears in all-capital letters. Refer to USEPA. EJSCREEN Environmental Justice Mapping and Screening Tool: EJSCREEN Technical Documentation. September 2019. [https://19january2021snapshot.epa.gov/sites/static/files/2017-09/documents/2017\\_ejscreen\\_technical\\_document.pdf](https://19january2021snapshot.epa.gov/sites/static/files/2017-09/documents/2017_ejscreen_technical_document.pdf), and USEPA. 2022. EJScreen Technical Documentation. October. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf).

**Figure 17D-6. Pre-Existing Air Toxics Cancer Risk and Respiratory Hazards Index Percentiles Across the 10-County Environmental Justice Study Area**

**Air Toxics Cancer Risk**



**Air Toxics Respiratory Hazards Index**



Source: U.S. Environmental Protection Agency's (USEPA) Environmental Justice Screening and Mapping Tool (Version 2.1).

**Notes:**

1. Percentiles are national; EJScreen's environmental indicators shown.
2. For an audio description, please go to the following link: <https://youtu.be/Z81EgRylujM>



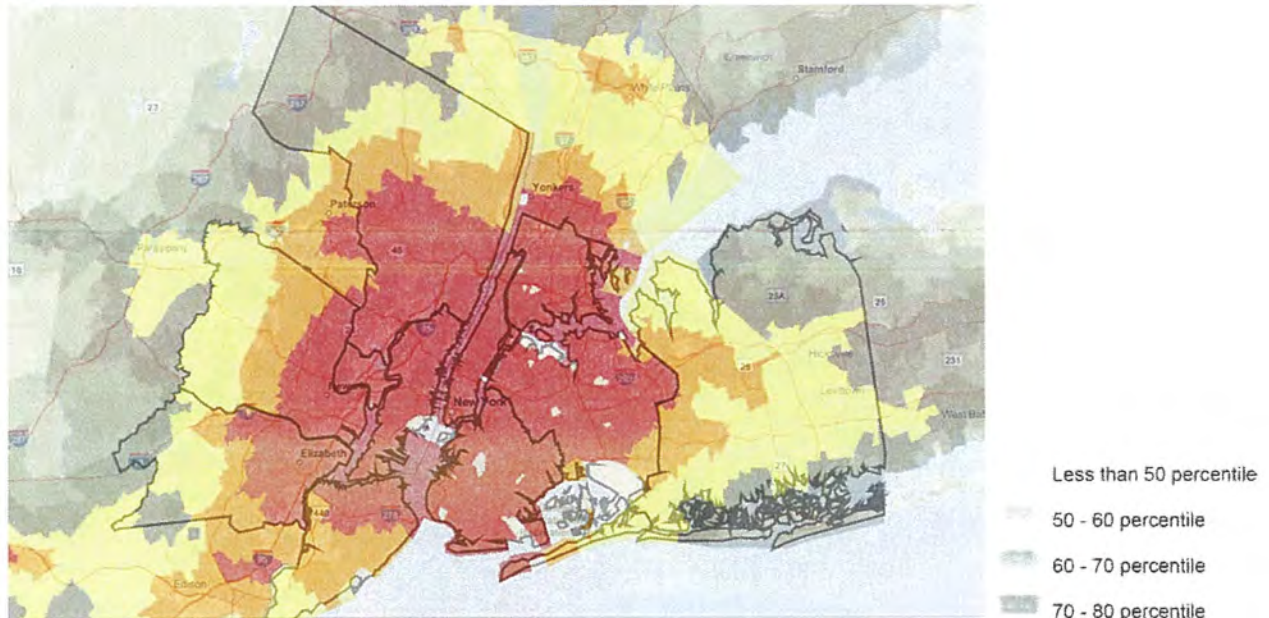
## Central Business District (CBD) Tolling Program Environmental Assessment

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**Figure 17D-7. Pre-Existing Diesel Particulate Matter and PM<sub>2.5</sub> Percentiles Across the 10-County Environmental Justice Study Area**

## Diesel Particulate Matter

PM<sub>2.5</sub>

Source: USEPA's Environmental Justice Screening and Mapping Tool (Version 2.1).

## Notes:

1. Percentiles are national; EJScreen's environmental indicators shown.
2. For an audio description, please go to the following link: [https://youtu.be/b7P17F\\_EtYU](https://youtu.be/b7P17F_EtYU)]



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### 17D-5.3 PRE-EXISTING POLLUTANT BURDENS IN ENVIRONMENTAL JUSTICE COMMUNITIES

The widespread pre-existing pollutant burdens are characteristic of the region as a whole. This analysis informs the environmental justice analysis in the EA and, therefore, focuses on the environmental justice communities; as noted above, the pollutant burdens described herein also exist in many non-environmental justice communities within the 10-county environmental justice study area. The population-weighted average national percentile for air toxics cancer risk, air toxics respiratory risk, and diesel particulate matter exposure in environmental justice census tracts exceeds 90, though the same figure for PM<sub>2.5</sub> is 57.0. Table 17D-1 summarizes these pollutant-burden measures for each of the 10 counties with the minimum and maximum percentile for any tract within that county as well as the population-weighted average. Maps in Appendix B depict the national percentiles for each pollutant across all environmental justice tracts.

**Table 17D-1. Pre-Existing Air Toxics, Diesel Particulate Matter, and PM<sub>2.5</sub> Burden Percentile Ranges in the 10-County Environmental Justice Study Area by County, Environmental Justice Communities**

COUNTY	AIR TOXICS CANCER RISK			AIR TOXICS RESPIRATORY HAZARDS INDEX			DIESEL PARTICULATE MATTER			PM <sub>2.5</sub>		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
<b>New Jersey</b>												
Bergen	84	87	98	48	92	95	63	97	98	31	66	71
Essex	84	88	98	82	92	99	91	96	99	55	60	65
Hudson	84	91	98	95	96	99	96	99	100	60	67	71
Union	84	91	100	48	88	99	75	94	98	43	55	61
<b>New York</b>												
Bronx	84	98	98	82	97	99	97	98	100	54	63	68
Kings (Brooklyn)	84	97	98	82	98	99	97	98	100	47	57	66
New York (Manhattan)	84	98	99	95	99	100	98	99	100	66	68	70
Queens	84	89	98	82	94	99	82	97	100	28	49	67
Richmond (Staten Island)	84	84	98	82	84	95	92	96	98	49	57	61
Nassau	32	81	84	48	74	95	69	88	96	18	31	45
<b>10-COUNTY STUDY AREA</b>	<b>32</b>	<b>93</b>	<b>100</b>	<b>48</b>	<b>94</b>	<b>100</b>	<b>63</b>	<b>97</b>	<b>100</b>	<b>18</b>	<b>57</b>	<b>71</b>

Source: EJScreen 2021 data.

Note: "Avg" refers to the population-weighted average percentile for the census tracts in each geography. The percentiles are national percentiles. Air toxics cancer risk and respiratory hazards index are based on all sources of air toxics, not just mobile sources, such as on-road vehicles. USEPA. 2022. 2014 NATA: Assessment Results. <https://www.epa.gov/national-air-toxics-assessment/2014-nata-assessment-results>.

Notably, though higher in the center of the region and especially in the environmental justice tracts in the portions of Hudson and Bergen Counties between the George Washington Bridge and Lincoln Tunnel, none of the environmental justice census tracts within the 10-county environmental justice study area have PM<sub>2.5</sub> burdens above the 71st percentile. However, relative diesel particulate matter burdens are high across the region.

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Values for air toxics cancer risk are some of the highest in the nation, with indices above the 95th national percentile across most or all environmental justice tracts in Bronx, Kings, New York, and the western half of Queens counties in New York, and a small portion of the north shore of Richmond County. The environmental justice tracts in the eastern portions of Union and Essex Counties are also above the 95th percentile, as are those in the northern half of Hudson County, and the southeast corner of Bergen County.

Air toxics respiratory hazards index percentiles are similarly high across the 10-county environmental justice study area's environmental justice tracts, with values above the 95th percentile in the geographic center. A few tracts in Glen Cove, Oyster Bay, and Hempstead, Nassau County are below the 50th percentile, as are tracts in central Plainfield, Union County.<sup>46</sup>

#### 17D-5.4 INDICATORS OF PRE-EXISTING CHRONIC DISEASE BURDENS

As with pollutant burdens, multiple environmental justice screening tools also provide data on pre-existing chronic disease burdens sourced from the CDC's PLACES program, which provides estimated data on pre-existing chronic disease for small geographies, such as counties, census tracts, and ZIP codes.<sup>47</sup> The Project Sponsors obtained CDC PLACES data at the smallest geography available (the census tract), from CDC's EJ tool.

Though EJScreen's online mapping tool and the CEJST have health measures included in their datasets, also sourced from the CDC's PLACES program, these tools are missing data for the state of New Jersey.<sup>48</sup> Therefore, the EJ tool was used to extract health data for this analysis.

EJ tool includes indicators for the prevalence of the following conditions (among adults) that have been associated in public health scholarship with exposure to pollutants that are generated by diesel trucks:

- High blood pressure
- Asthma
- Cancer (excluding skin cancer)
- Diabetes
- Poor mental health (14 or more days in the last 30 days during which mental health was not good, as self-reported)<sup>49</sup>

As USEPA has done with EJScreen, CDC presents these data both as rates of prevalence as well as in percentile values, which allow the user to compare the prevalence of each health burden in a selected census tract to the prevalence of that same burden among all census tracts nationwide.

<sup>46</sup> These locations have lower air toxics respiratory hazards index percentiles, but higher diesel particulate matter burdens.

<sup>47</sup> Division of Population Health, National Center for Chronic Disease Prevention and Health Promotion. 2021. About PLACES. <https://www.cdc.gov/places/about/index.html>.

<sup>48</sup> Refer to Division of Population Health, National Center for Chronic Disease Prevention and Health Promotion. 2022. "Current Release Notes." October 25. <https://www.cdc.gov/places/help/data-notes/index.html>.

<sup>49</sup> Division of Population Health, National Center for Chronic Disease Prevention and Health Promotion. Measure Definitions: Health Status. <https://www.cdc.gov/places/measure-definitions/health-status/index.html#mental-health>.



The Project Sponsors also analyzed data from a variety of state and local health department sources to augment the CDC's national data set. The data sets used were:

- NYSDOH Community Health Indicator Reports
- New York City Department of Health and Mental Hygiene (NYC DOHMH), Environment and Health Data Portal
- NYC DOHMH, 2018 Community Health Profiles Public Use Dataset
- New Jersey Department of Health (NJDOH), New Jersey State Health Assessment Data
- NJDOH and NJDEP, Health Community Planning New Jersey (HCP-NJ)

These datasets consistently provide data for counties and various units of geography smaller than a county, but none provide data at the census tract level.

For some health measures, data from 2020 are available from these state and local sources; however, the Project Sponsors chose to use 2019 as the latest year, unless the latest year available was earlier.<sup>50</sup> While COVID-19 may not have affected all health-measure data for 2020, 2019 data are the most recent year cited here to avoid erroneously drawing conclusions about rates and trends due to the pandemic's influence. Not all these data sources provided trends over time, but where possible, the Project Sponsors considered trends in health measures.

Importantly, the Project Sponsors only compared health data across geographies using the same data sources since state and local sources use different surveys and reporting databases, which could make comparisons invalid.<sup>51</sup> The Project Sponsors also followed each source's practice for comparing individual counties, municipalities, and neighborhoods with each other and any larger, reference geographies.<sup>52</sup>

<sup>50</sup> This is consistent with treatment of data by NJDOH. On the New Jersey State Health Assessment Data web site, it notes that "[h]ospital claim volume for the 2020 calendar year was markedly lower (19.9%) than for 2019, mostly due to the COVID-19 pandemic. This reduction was seen in both inpatient discharges (8.2% lower claim volume than 2019) and emergency department visits (27.3% lower claim volume than 2019). This was likely the result of hospital care being redirected to address the care for COVID-19 patients while elective surgeries and other outpatient care services were being postponed," NJDOH. 2022. "Health Indicator Report of Asthma Hospitalizations and Emergency Department Visits." New Jersey State Health Assessment Data. <https://www-doh.state.nj.us/doh-shad/indicator/view/AsthmaEDVisRate.html>.

<sup>51</sup> For example, the Project Sponsors did not compare rates of adult asthma hospitalizations from the NJDOH for study-region counties in New Jersey with rates from the NYS DOH for study-region counties in New York City and Nassau County.

<sup>52</sup> For example, the NYS DOH uses tests of statistical significance to compare rates of disease for New York City's five counties to New York City as a whole, while the NJDOH, New Jersey State Health Assessment Data compares county-level rates to the state as a whole. Meanwhile, NYC DOHMH classifies rates of disease for New York City neighborhoods as "Better," "Middle," and "Worse" as compared to other neighborhoods across the city. "Better" means that the neighborhood is in the top 1/3 of neighborhoods, "middle" corresponds to the middle 1/3, and "worse" corresponds to the bottom 1/3 of neighborhoods. For NYC DOHMH, refer to NYC Environment and Health Data Portal. Neighborhood Reports. <https://a816-dohbexp.nyc.gov/IndicatorPublic/beta/neighborhood-reports/>; for NYS DOH, refer to NYS DOH. New York State Community Health Indicator Reports (CHIRS): About This Site. [https://webbi1.health.ny.gov/SASStoredProcess/guest?\\_program=/EBI/PHIG/apps/chir\\_dashboard/chir\\_dashboard&p=abt2](https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/chir_dashboard/chir_dashboard&p=abt2); for NJDOH, refer to New Jersey State Health Assessment Data, NJDOH. NJSHAD: About Community Dashboards and Profile Reports. <https://www-doh.state.nj.us/doh-shad/community/ContentUsage.html>.

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### 17D-5.5 PRE-EXISTING CHRONIC DISEASE BURDENS IN LOCAL ENVIRONMENTAL JUSTICE COMMUNITIES

The relative burden of the five chronic diseases described in the EJ data set vary across the 10-county environmental justice study area's environmental justice communities more than the burdens of the air quality burdens described in the previous section. In each of the 10 counties in the study area, environmental justice census tracts have rates of the five conditions included at some of the lowest and highest rates in the nation. Of the five conditions, the region's residents have the lowest relative cancer burdens, with a population-weighted 26th percentile average. Within this section, the analysis focuses on environmental justice communities, although these burdens are not exclusively experienced by such communities in the environmental justice study area. Not all of the relevant health datasets can be differentiated between environmental justice and non-environmental justice communities; data on environmental justice communities specifically is used when available.

#### 17D-5.5.1 County-Level Pre-Existing Chronic Disease Burdens

Concentrations of pre-existing chronic disease burden can be seen in Bronx and Essex Counties, where a majority (77.3 percent and 57.2 percent, respectively) of people in environmental justice census tracts live in tracts where three or four of the chronic diseases are also highly prevalent. **Table 17D-2** summarizes the national percentiles of these five disease burdens for all environmental justice census tracts in each of the 10 counties in the environmental justice study area. Consistent with CDC guidance, the table provides ranges rather than mean or median values.<sup>53</sup>

**Table 17D-2. Pre-Existing Chronic Disease Burden Percentile Ranges in the 10-County Environmental Justice Study Area by County, Environmental Justice Communities**

COUNTY	ASTHMA		CANCER		HIGH BLOOD PRESSURE		DIABETES		POOR MENTAL HEALTH	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Bergen	0.0	76.0	1.0	98.0	1.0	86.0	1.0	85.0	1.0	80.0
Essex	10.0	99.0	1.0	85.0	3.0	99.0	7.0	100	4.0	99.0
Hudson	0.0	98.0	1.0	83.0	1.0	98.0	0.0	99.0	1.0	92.0
Union	21.0	93.0	2.0	59.0	23.0	91.0	24.0	96.0	17.0	95.0
Bronx	31.0	100	1.0	100	1.0	97.0	2.0	100	2.0	100
Kings (Brooklyn)	5.0	99.0	1.0	100	1.0	100	1.0	100	5.0	99.0
New York (Manhattan)	3.0	99.0	1.0	87.0	0.0	97.0	0.0	99.0	2.0	99.0
Queens	0.0	98.0	1.0	99.0	1.0	100	3.0	100	0.0	93.0
Richmond (Staten Island)	46.0	100	9.0	93.0	12.0	84.0	27.0	98.0	21.0	99.0
Nassau	4.0	95.0	0.0	99.0	0.0	80.0	0.0	89.0	0.0	83.0
<b>10-COUNTY STUDY AREA</b>	<b>0.0</b>	<b>100</b>	<b>0.0</b>	<b>100</b>	<b>0.0</b>	<b>100</b>	<b>0.0</b>	<b>100</b>	<b>0.0</b>	<b>100</b>

Source: CDC EJ 2022 data.

<sup>53</sup> The EJ's authors caution that "although [aggregating or averaging EJ data to estimate scores for geographies larger than a census tract] is mathematically possible, we do not recommend it. Aggregation introduces unmeasurable error and could misrepresent neighborhood-level variation in social, environmental, and health conditions." Refer to CDC and Agency for Toxic Substances Disease Registry. "EJ Frequently Asked Questions (FAQ)." [https://www.atsdr.cdc.gov/placeandhealth/eji/faq\\_eji.html](https://www.atsdr.cdc.gov/placeandhealth/eji/faq_eji.html).



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Across all communities within New York City, on a variety of measures, NYSDOH data show the greatest burdens of asthma, cancer, cardiovascular disease, and diabetes in the Bronx, with Richmond County having burdens of cancer and cardiovascular disease above the citywide average. Kings County is more burdened with cardiovascular illness and disease and one measure of diabetes than the city as a whole, but not asthma and cancer. Aside from cancer, New York County residents have a lower burden of illness and death from these conditions than the city as a whole. Queens County residents have rates of these burdens that are either below or statistically the same as the rates for the citywide population. **Table 17D-3** details some measures of these health burdens for New York City's five counties regardless of environmental justice designation, and compares the county rates to the citywide rates.

**Table 17D-3. Rates of Pre-Existing Chronic Disease in New York City Counties, All Communities**

HEALTH BURDEN	BRONX	RICHMOND	KINGS	NEW YORK	QUEENS	NEW YORK CITY
<b>Asthma</b>						
Percentage of Adults with Asthma	12.7	10.4	8.3	9.3	7.2	9.5
Asthma Hospitalizations per 10,000	33.6*	10.2*	12.7*	12.5*	10.0*	15.4
Asthma Deaths per 100,000	3.5*	1.6	1.7	1.8	1.1*	1.8
<b>Cancer</b>						
All Cancer Incidence per 100,000	445.8*	639.7*	470.1*	532.2*	501.5	496.1
All Cancer Deaths per 100,000	163.7*	141.1*	124.5*	146.6*	108.3*	131.3
<b>Cardiovascular Disease</b>						
Percentage of Adults with High Blood Pressure	33.1	27.8	29.3	19.4*	30.6	28.3
Heart Disease Hospitalizations per 10,000	109.7*	94.3*	85.8*	64.3*	82.4*	84.6
Heart Disease Deaths per 100,000	190.4*	237.3*	194.0*	129.4*	172.7	176.0
Heart Attack Hospitalizations per 10,000	12.6*	13.3*	12.6*	9.0*	12.0	11.7
Heart Attack Deaths per 100,000	21.7*	29.8*	21.0*	13.2*	15.1*	18.2
<b>Diabetes</b>						
Percentage of Adults with Diabetes	16.1*	11.0	9.7	7.1*	12.0	11.3
Diabetes Hospitalizations per 10,000 (primary diagnosis)	40.0*	19.9*	23.1	16.8*	17.0*	22.6
Diabetes Deaths per 100,000	25.7*	22.0	23.5*	13.2*	15.5*	19.3

Source: New York State Community Health Indicator Reports, most recent data (2016 or 2016-2018 or 2018 or 2017-2019).

Note: An asterisk (\*) denotes that the rate or percentage shown is statistically different from the New York City rate or percentage.

Rates of current adult asthma in the Bronx, across all communities, observed between 2017 and 2019, were higher than the rate across the city, but not statistically different. However, the rates of hospitalization and death were both statistically higher than the citywide rates, and NYSDOH has found that rates of asthma death have been stable when it compared data collected between 2013 and 2015 with data



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collected between 2016 and 2018. On Staten Island, the percentage of adults with asthma is statistically similar to the citywide rate, but rates of asthma deaths have increased in recent years.<sup>54</sup>

The incidence of all cancers in the Bronx were below the citywide rate and were statistically different; furthermore, analyzing data from 2013 through 2018, the NYSDOH saw a statistically significant improvement in cancer incidence. However, cancer deaths among Bronx residents were more common than across the city and have remained steady between 2010 and 2018.<sup>55</sup> Staten Island's age-adjusted all cancer incidence rate has been consistently higher than New York City's rate, and NYSDOH has not seen a substantial change in recent years when it compared data collected between 2013 and 2015 with data collected between 2016 and 2018. Though age-adjusted all cancer mortality rates on Staten Island have been higher than rates across the city, Staten Island's rates have had a statistically significant decline.<sup>56</sup>

Though rates of high blood pressure are not statistically different from the citywide rate in the Bronx or Staten Island, the age-adjusted rates of heart disease hospitalization and death are higher in both counties. Heart disease death rates have not shown substantial change in recent years for either of the two counties or New York City.<sup>57</sup>

The Bronx age-adjusted diabetes hospitalization rate was almost twice that of New York City. Age-adjusted diabetes deaths have been statistically unchanged since 2014 and higher in the Bronx than the across the city.<sup>58</sup> Age-adjusted diabetes hospitalizations occur at a lower rate in Staten Island than across the city, and while age-adjusted diabetes deaths occur at a higher rate in Staten Island than across the city when looking at 2017–2019 data, the rate is statistically similar to that for the city.<sup>59</sup>

In its Community Health Indicator Reports, NYSDOH compares Nassau County's health measures with those for the rest of New York State outside of New York City. Using this comparison, Nassau County's residents, across all communities, are more burdened with asthma hospitalizations, as well as heart disease hospitalizations (**Table 17D-4**). For all of the other measures examined, Nassau's residents have rates that are lower or similar to those for New Yorkers living outside of New York City.

<sup>54</sup> New York State Community Health Indicator Reports, Age-adjusted asthma hospitalization rate per 10,000, Age-adjusted asthma mortality rate per 100,000, Age-adjusted percentage of adults with current asthma. Due to changes in hospital diagnosis coding, the NYSDOH states that rates over time are not comparable, and trends are not reported here. Note that the NYSDOH did not compare trend data for asthma deaths using a statistical test. Instead "the Indicator Performance is based on a simple comparison between the two most recent time periods." Refer to [https://webb1.health.ny.gov/SASStoredProcess/guest?\\_program=%2FEBI%2FPHIG%2Fapps%2Fchir\\_dashboard%2Fchir\\_dashboard&p=ch&cos=62&ctop=1&ctop=2&ctop=3&ctop=10&ctop=13](https://webb1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ch&cos=62&ctop=1&ctop=2&ctop=3&ctop=10&ctop=13).

<sup>55</sup> New York State Community Health Indicator Reports, Age-adjusted all cancer incidence rate per 100,000.

<sup>56</sup> Ibid.; NYC DOHMH, 2018 Community Health Profiles Public Use Dataset. Premature mortality due to cancer rate.

<sup>57</sup> New York State Community Health Indicator Reports, Age-adjusted cardiovascular disease mortality rate per 100,000; Age-adjusted cardiovascular disease hospitalization rate per 10,000. Due to changes in hospital diagnosis coding, the NYS DOH states that rates over time are not comparable, and trends are not reported here.

<sup>58</sup> New York State Community Health Indicator Reports, Age-adjusted diabetes mortality rate per 100,000. New York State Community Health Indicator Reports, Age-adjusted diabetes hospitalization rate per 100,000. Due to changes in hospital diagnosis coding, the NYS DOH states that rates over time are not comparable, and trends are not reported here.

<sup>59</sup> New York State Community Health Indicator Reports, Age-adjusted diabetes mortality rate per 100,000.

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Table 17D-4. Rates of Pre-Existing Chronic Disease in Nassau County, All Communities

HEALTH BURDEN	NASSAU	NY STATE, EXCLUDING NEW YORK CITY
<b>Asthma</b>		
Percentage of Adults with Asthma	8.1	10.8
Asthma Hospitalizations per 10,000	8.4*	6.6
Asthma Deaths per 100,000	0.6	0.7
<b>Cancer Indicators</b>		
All Cancer Incidence per 100,000	658.4	656.8
All Cancer Deaths per 100,000	122.6*	144.8
<b>Cardiovascular Disease</b>		
Percentage of Adults with High Blood Pressure	28.2	29.4
Heart Disease Hospitalizations per 10,000	96.2*	84.0
Heart Disease Deaths per 100,000	184.3*	165.3
Heart Attack Hospitalizations per 10,000	13.9*	14.6
Heart Attack Deaths per 100,000	16.2*	25.8
<b>Diabetes</b>		
Percentage of Adults with Diabetes	7.3	9.2
Diabetes Hospitalizations per 10,000 (primary diagnosis)	15.0*	16.5
Diabetes Deaths per 100,000	11.3*	16.6

Source: New York State Community Health Indicator Reports, most recent data (2016 or 2016-2018 or 2018 or 2017-2019).

Note: An asterisk (\*) denotes that the rate or percentage shown is statistically different from the New York State, excluding New York City, rate or percentage.

In New Jersey, across all communities, the percentage of adults who reported having asthma in the period from 2016 to 2018 was highest in Essex County at 8.8 percent, followed by Union County (8.4 percent), Hudson County (8.0 percent), and—with the lowest rate—Bergen County (6.2 percent). However, none of these rates was statistically different from the overall New Jersey rate (8.4 percent). These percentages were stable for the four counties and the state of New Jersey between 2011 and 2018.<sup>60</sup> Similarly, asthma emergency room visits were much higher in Essex than the statewide rate, at an age-adjusted rate of 107.4 per 10,000, compared with 55.7 per 10,000 for all of New Jersey. Rates in Hudson County (60.8) and Union County (56.9) were similar to the state figure, and the rate was much lower in Bergen County at 30.6 per 10,000.<sup>61</sup>

Cancer deaths were more common in Essex County, as well, with an age-adjusted rate of 142.2 per 100,000, though this rate was similar to the statewide rate of 144.6, and higher than the rates for the other counties. Bergen and Union counties had similar rates of 132.0 and 133.2 per 100,000, respectively, while Hudson had a rate of 125.1.<sup>62</sup>

<sup>60</sup> NJSHAD. Currently have asthma, age-adjusted %.

<sup>61</sup> Health Community Planning New Jersey (HCP-NJ). Asthma Emergency Room Visits, age-adjusted Rate per 10,000. Note that the HCP-NJ reports do not provide tests of statistical significance between rates observed for counties and the state; the comparison made here is based on numerical difference only. HCP-NJ reports do not make trend data available for comparisons over time.

<sup>62</sup> HCP-NJ. All Cancer Deaths, Age-adjusted rate per 100,000. Note that the HCP-NJ reports do not provide tests of statistical significance between rates observed for counties and the state; the comparison made here is based on numerical difference only. HCP-NJ reports do not make trend data available for comparisons over time.



The share of adults with diabetes was highest in Hudson County, based on data collected between 2016 and 2018 (11.5 percent), followed by Essex County (10.7 percent), Union County (9.4 percent), and Bergen County (7.5 percent). Like the percentage of adults with asthma, these figures are not substantially different from the statewide percentage in 2018 (9.3 percent). However, age-adjusted rates of diabetes deaths were substantially worse than the statewide rate (18.2 per 100,000 residents) in Essex County (25.0), Hudson County (27.1); the rate was lower in Bergen County (13.4), and Union County's rate was statistically similar (20.3).<sup>63</sup> These rates have not substantially changed between 2011 and 2018.<sup>64</sup>

All four counties had statistically similar percentages of adults who said that they had had a heart attack, and those rates were stable over the period from 2011 to 2018.<sup>65</sup> Heart attack hospitalization age-adjusted rates were close to the statewide figure (16.3 per 10,000) in Essex and Hudson Counties (16.4 and 17.7, respectively), and lower in Bergen and Union Counties (12.5 and 12.6 per 10,000, respectively).<sup>66</sup>

### 17D-5.5.2 Municipality- and Neighborhood-Level Pre-Existing Chronic Disease Burdens

The CDC EJI program designates communities as experiencing a “high” level of a chronic disease prevalence if it falls within the top third of census tracts nationwide for that indicator. For descriptive purposes the term “high” is used in this section to refer to census tracts within the top third of an indicator's prevalence based on the data in the CDC EJI mapping tool.<sup>67</sup> Below the county level, among environmental justice communities in the 10-county environmental justice study area, some contiguous areas with three or four pre-existing chronic diseases at rates in the top third nationwide are found in all portions of Bronx County; Far Rockaway, Jamaica, and Southeast Queens in Queens County; Flatbush, Brownsville, East New York, Bedford Stuyvesant, and Greenpoint, Kings County; East Harlem, Central Harlem, and the portions of the Lower East Side adjacent to the East River and the Franklin D. Roosevelt (FDR) Drive in New York County; Port Richmond and New Brighton, Richmond County; some portions of Hempstead, Nassau County; most of Newark, all of East Orange and Irvington, and the eastern portion of West Orange, Essex County; the central portion of Jersey City, Hudson County; as well as in Roselle and Plainfield in Union County. Within

<sup>63</sup> NJSHAD. Age-adjusted death rate due to diabetes.

<sup>64</sup> NJSHAD. Percentage with diabetes.

<sup>65</sup> NJSHAD. Percentage who have had a heart attack, age-adjusted %.

<sup>66</sup> HCP-NJ. Heart Attack (AMI) Hospitalizations, Age-adjusted Rate per 10,000. HCP-NJ reports do not make trend data available for comparisons over time.

<sup>67</sup> The different mapping tools, while drawing from the same primary data sources, use different descriptive thresholds to identify potentially vulnerable communities. USEPA's EJScreen's Technical Document states that communities at the 80th percentile are “may merit closer attention.” In EJScreen, locations at least at the 80th percentile but less than the 90th are shown in yellow, while those at the 90th percentile but less than 95th percentile are orange on the maps, and those at the 95th percentile or above are shown in red on maps and reports. These colors call attention to certain locations as a very simple way to communicate relative screening results. There is no official policy significance assigned to each individual color on the maps, but the choice of these categories or “bins” is noteworthy because it signifies that certain ranges of percentiles may merit closer attention. The Technical Documentation for the Environmental Justice Index 2022 identifies census tracts as a “tract of interest” if certain indicators (e.g., disease prevalence) are in the top third (33.33 percent) of all census tracts included in the EJI. The Climate and Economic Justice Screening Tool uses a 90th percentile threshold for identifying disadvantaged communities.

Bergen County, populations with high prevalence of three or four diseases can be found in one tract each in Fort Lee, Cliffside Park, and Englewood.

Asthma prevalence is high in areas across almost all the environmental justice tracts in Bronx County; nearly all of Far Rockaway, Greenpoint, Jamaica, and Southeast Queens in Queens County; Brownsville, Flatbush, East New York, Canarsie, the central portion of Borough Park, Coney Island, and Bedford-Stuyvesant in Kings County; all of East Harlem and Central Harlem, most of Washington Heights, and the portions of the Lower East Side adjacent to the East River and the FDR Drive in New York County; the sections of Richmond County along Kill Van Kull from Port Ivory in the west to Rosebank in the east; many of the environmental justice census tracts in Hempstead and North Hempstead in Nassau County; most of Newark, all of Irvington, East Orange, and Orange in Essex County; the central portion of Jersey City in Hudson County; and finally, much of Elizabeth, Hillside, Roselle, and Plainfield in Union County. In Bergen County, asthma prevalence is high in one tract each within Englewood and Mahwah.

Considering some of the historical land use and transportation patterns, the following tables and discussion provide health data for pre-existing chronic disease burdens in neighborhood locations near key traffic generators.

#### *Neighborhoods Near the Cross Bronx Expressway*

The Cross Bronx Expressway passes between the United Hospital Fund (UHF)<sup>68</sup> neighborhoods of Crotona–Tremont and High Bridge–Morrisania between the Alexander Hamilton Bridge and Grand Concourse, continues through Crotona–Tremont until White Plains Road in Parkchester, and then becomes the Cross Bronx Expressway Extension before crossing the Pelham–Throgs Neck neighborhood and meeting the Throgs Neck Bridge. Additionally, the Major Deegan Expressway passes through High Bridge–Morrisania along the Harlem River. Looking at the health measures highlighted here, High Bridge–Morrisania is the most burdened by pollution-related illness and disease, followed by Crotona–Tremont, and then Pelham–Throgs Neck with the lowest burdens of the three.

NYC DOHMH-estimated rates of asthma and other diseases or illnesses attributable to PM<sub>2.5</sub> in these three neighborhoods are almost universally above those in the city's other neighborhoods, as described in **Table 17D-5**.<sup>69</sup> These rates are almost all highest in the UHF neighborhood of High Bridge–Morrisania, second highest in Crotona–Tremont, and lowest in Pelham–Throgs Neck.<sup>70</sup>

<sup>68</sup> United Hospital Fund neighborhoods (UHF) have boundaries based on ZIP codes. This geography was created by the Health Department, the United Hospital Fund, and other city agencies in the 1980s. They were designed for health research, and to be similar to NYC's Community Districts. See NYC DOHMH. "Neighborhood boundaries on the EH Data Portal." NYC Environment and Health Data Portal. <https://a816-dohbesp.nyc.gov/IndicatorPublic/beta/data-stories/geographies/>.

<sup>69</sup> Note that the rates for New York City are shown in **Table 5** for comparison but that, following the method used by NYC DOHMH, the Project Sponsors have compared rates between neighborhoods.

<sup>70</sup> For each health measure, the Environment and Health Data Portal groups neighborhoods into the categories of "Better," "Middle," and "Worse" as compared to other neighborhoods across the city. "Better" means that the neighborhood is in the top 1/3 of neighborhoods, "middle" corresponds to the middle 1/3, and "worse" corresponds to the bottom 1/3 of neighborhoods. See NYC Environment and Health Data Portal. "Neighborhood Reports." <https://a816-dohbesp.nyc.gov/IndicatorPublic/beta/neighborhood-reports/>.



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**Table 17D-5. Estimated Rates of Existing Pollution-Attributable Disease in Neighborhoods Near the Cross Bronx Expressway**

MEASURE	HIGH BRIDGE– MORRISANIA	CROTONA– TREMONT	PELHAM– THROGS NECK	NEW YORK CITY
PM <sub>2.5</sub> asthma emergency room visits, Estimated annual rate (age 18+)	98.1	87.1	44.6	34.6
PM <sub>2.5</sub> asthma emergency room visits, Estimated annual rate (under age 18)	188.6	167.2	105.2	78.2
PM <sub>2.5</sub> hospitalizations for cardiovascular causes, Estimated annual rate	23.5	23.3	19.2	17.0
PM <sub>2.5</sub> hospitalizations for all respiratory causes, Estimated annual rate	25.8	21.4	15.9	11.8
Deaths from PM <sub>2.5</sub> , Estimated annual rate (age 30+)	43.0	38.4	42.8	37.7

Source: NYC Environment and Health Data Portal. 2015-2017 data.

Note: "Rate" is per 100,000 residents.

Regardless of cause, between 2010 and 2019, these three neighborhoods have generally been in the worst third of all New York City neighborhoods in terms of the percentage of adults who have had asthma in the last year. Though the percentages for Crotona–Tremont and High Bridge–Morrisania were in the middle third of neighborhoods in 2019, both at a rate of 6.2 percent, compared to 8.0 percent in Pelham–Throgs Neck, and 4.5 percent across the city, Crotona–Tremont and High Bridge–Morrisania have had higher percentages than Pelham–Throgs Neck over the period.<sup>71</sup>

Since 2010, rates of heart attack for those between the ages of 35 and 64 in these three neighborhoods have been in the middle or worst third of New York City neighborhoods. In 2016 (the latest year of available data), the rate of heart attack for every 100,000 adults of that age group in Crotona–Tremont and High Bridge–Morrisania, were 15.8 and 16.6, respectively. The rate in Pelham–Throgs Neck, at 14.3 per 100,000, was in the middle third of city neighborhoods.<sup>72</sup> For those 65 and older, heart-attack rates in the three neighborhoods along the Cross Bronx Expressway have more often shifted between the middle and worst third of New York City neighborhoods. In 2016, Crotona–Tremont had a rate of heart attack among this older age group at 59.1 per 100,000, High Bridge–Morrisania at 59.7, and Pelham–Throgs Neck at 49.4 (which was actually in the best third of city neighborhoods), compared to 55.7 citywide.<sup>73</sup>

Morrisania and Crotona, Belmont and East Tremont, and Highbridge and Concourse all had rates of diabetes substantially higher than New York City, while the rates for Fordham and University Heights, Parkchester and Soundview, and Throgs Neck and Co-op City were similar to the citywide rate.<sup>74</sup> Rates of hypertension were higher in Parkchester and Soundview, Fordham and University Heights, Throgs Neck and Co-op City, and Highbridge and Concourse, while rates in Morrisania and Crotona, as well as Belmont

<sup>71</sup> NYC Environment and Health Data Portal. Asthma (adults), Age-adjusted percent.

<sup>72</sup> NYC Environment and Health Data Portal. Heart attacks, Age-adjusted rate - Adults 35 to 64 Yrs Old.

<sup>73</sup> NYC Environment and Health Data Portal. Heart attacks, Age-adjusted rate Adults - 65 Yrs and Older.

<sup>74</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset. Percentage of adults ages 18 and older who report ever being told by a healthcare professional that they have diabetes.



and East Tremont were similar to the citywide rates.<sup>75</sup> Finally, average life expectancy was substantially lower than the citywide average (81.2 years) in all areas except for Throgs Neck and Co-op City (81.1 years); in these five areas, life expectancy ranged from 76.2 years in Morrisania and Crotona to 79.9 in Fordham and University Heights.<sup>76</sup>

### *Neighborhoods Near the Robert F. Kennedy (RFK) Bridge*

The Hunts Point–Mott Haven and East Harlem neighborhoods have higher or worse estimated burdens of illness and disease attributable to PM<sub>2.5</sub> than two-thirds of the city's other neighborhoods, while the residents of Long Island City–Astoria have rates that are in the middle third or the best third. Table 17D-6 describes these measures in detail.

**Table 17D-6. Estimated Rates of Pollution-Attributable Disease in Neighborhoods Near the RFK Bridge**

MEASURE	EAST HARLEM	HUNTS POINT–MOTT HAVEN	LONG ISLAND CITY –ASTORIA	NEW YORK CITY
PM <sub>2.5</sub> asthma emergency room visits, Estimated annual rate (age 18+)	111.6	104.6	21.8	34.6
PM <sub>2.5</sub> asthma emergency room visits, Estimated annual rate (under age 18)	215.5	194.7	46.1	78.2
PM <sub>2.5</sub> hospitalizations for cardiovascular causes, Estimated annual rate	25.5	24.3	14.7	17.0
PM <sub>2.5</sub> hospitalizations for all respiratory causes, Estimated annual rate	20.3	26.5	9.3	11.8
Deaths from PM <sub>2.5</sub> , Estimated annual rate (age 30+)	54.2	45.4	31.4	37.7

Source: NYC Environment and Health Data Portal. 2015-2017 data. Note: "rate" is per 100,000 residents.

In Hunts Point–Mott Haven, adult asthma rates were consistently worse than neighborhoods across the city, with a rate of 6.2 percent in 2019 compared with 4.5 percent citywide. Data for both Long Island City–Astoria and East Harlem varied greatly from year to year in NYC DOHMH for the three neighborhoods and show no consistent patterns in relation to each other or in comparison to neighborhoods across the city.<sup>77</sup>

For heart attacks among 35-to-64-year-olds, age-adjusted rates in East Harlem and Hunts Point–Mott Haven were in the top third of neighborhoods across the city (20.2 and 19.8 per 100,000 residents against 12.7 respectively), while rates in Long Island City–Astoria were in the middle third. In 2016, age-adjusted rates for heart attacks among 35-to-64-year-olds was lower than the citywide figure at 10.3 per 100,000 residents.<sup>78</sup> The pattern was similar for heart attacks among those 65 and older, with East Harlem and Hunts Point–Mott Haven consistently in the third of neighborhoods with the worst rates of heart attack,

<sup>75</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset. Percentage of adults ages 18 and older who report ever being told by a healthcare professional that they have hypertension, also known as high blood pressure.

<sup>76</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset.

<sup>77</sup> NYC Environment and Health Data Portal. Asthma (adults), Age-adjusted percent; for many years, data are suppressed or come with the flag "Estimate is based on small numbers so should be interpreted with caution."

<sup>78</sup> NYC Environment and Health Data Portal. Heart attacks, Age-adjusted rate - Adults 35 to 64 Yrs Old.

and Long Island City–Astoria either in the middle third of neighborhoods or—in 2014, 2015, and 2016—the best third.<sup>79</sup>

As with heart attack, rates of diabetes were higher in East Harlem and Mott Haven and Melrose than across New York City, while rates in Long Island City–Astoria were similar to the citywide rate.<sup>80</sup> Meanwhile, rates of hypertension were higher than the citywide rate in Mott Haven and Melrose, similar to the citywide rate in East Harlem, and lower than the citywide rate in Long Island City–Astoria.<sup>81</sup> Average life expectancy was lower in East Harlem (77.3) and Mott Haven and Melrose (77.6) than the citywide average (81.2 years), though it was higher in Long Island City–Astoria (83.4); as seen with other measures, life expectancies indicate that East Harlem and Mott Haven and Melrose are already burdened with illness and disease greater than the city as a whole, while Long Island City–Astoria is not.<sup>82</sup>

### ***Neighborhoods Near the Staten Island and Dr. Martin Luther King, Jr. Expressways***

The Staten Island Expressway passes through the Stapleton–St. George and Willowbrook UHF neighborhoods of Staten Island. At the western end of the borough, the Expressway forms the southern boundary of the Port Richmond UHF neighborhood. Port Richmond is also roughly bisected into eastern and western portions by the Dr. Martin Luther King Jr. Expressway and the approach to the Bayonne Bridge.

The Port Richmond neighborhood has higher rates of pollution-related illness and disease relative to other neighborhoods in the city, and the majority of its census tracts are environmental justice census tracts. Stapleton–St. George also has many census tracts that are environmental justice tracts, mostly north of the Staten Island Expressway; residents also have higher rates of pollution-attributable diseases relative to other city neighborhoods, but on fewer measures than residents in Port Richmond. Finally, Willowbrook is the least burdened of the three, and has a smaller share of census tracts that are designated as environmental justice tracts.

On several measures, NYC DOHMH estimates that the Port Richmond neighborhood is burdened with rates of disease and illness attributable to PM<sub>2.5</sub> that are higher than two-thirds of New York City neighborhoods. Similarly, Stapleton–St. George residents also experience health burdens at worse rates than two-thirds of New York City neighborhoods on certain measures. Meanwhile, Willowbrook's residents experience health burdens at worse rates than two-thirds of New York City neighborhoods on certain measures, but on others they have pollution-linked disease and illness rates that are in the best third of the city's neighborhoods (Table 17D-7).

<sup>79</sup> NYC Environment and Health Data Portal. Heart attacks, Age-adjusted rate Adults - 65 Yrs and Older.

<sup>80</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset. Percentage of adults ages 18 and older who report ever being told by a healthcare professional that they have diabetes.

<sup>81</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset. Percentage of adults ages 18 and older who report ever being told by a healthcare professional that they have hypertension, also known as high blood pressure.

<sup>82</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset.



**Table 17D-7. Estimated Rates of Pollution-Attributable Disease in Neighborhoods Near the Staten Island Expressway and the Dr. Martin Luther King Jr Expressway**

MEASURE	PORT RICHMOND	STAPLETON-ST. GEORGE	WILLOWBROOK	NEW YORK CITY
PM <sub>2.5</sub> asthma emergency room visits, Estimated annual rate (age 18+)	45.6	32	12.9	34.6
PM <sub>2.5</sub> asthma emergency room visits, Estimated annual rate (under age 18)	66.9	49.5	18.8	78.2
PM <sub>2.5</sub> hospitalizations for cardiovascular causes, Estimated annual rate	17.9	19.1	16.8	17.0
PM <sub>2.5</sub> hospitalizations for all respiratory causes, Estimated annual rate	17.4	17.6	14.1	11.8
Deaths from PM <sub>2.5</sub> , Estimated annual rate (age 30+)	41.9	50	48.4	37.7

Source: NYC Environment and Health Data Portal. 2015-2017 data. Note: "rate" is per 100,000 residents.

Observed rates of adult asthma, measured in percent of adults with cases in the last year, vary greatly from year to year in NYC DOHMH for the three neighborhoods and show no consistent patterns in relation to each other or in comparison to the entire city.<sup>83</sup>

Age-adjusted rates of heart attack for those between the ages of 35 and 64 in these three neighborhoods have been in the middle or worst third of New York City neighborhoods from 2010 through 2016 (the latest year of available data), though rates were higher in Port Richmond and Stapleton–St. George than they were in Willowbrook. In 2016, the age-adjusted rate of heart attack for every 100,000 adults of the 35 to 64 age group in Port Richmond was 21.7, and in Stapleton–St. George, it was 21.8. Those rates compare to 14.7 per 100,000 Willowbrook and 12.7 across New York City.<sup>84</sup> Rates of heart attack for those 65 and older vary between 2010 and 2016 such that there is not a consistent difference between the neighborhoods or between the neighborhoods and the entire city.

For NYC DOHMH Community Health Profiles Data, St. George and Stapleton (which is the entire area of Staten Island north of the Staten Island Expressway) and South Beach and Willowbrook (the area south of the Staten Island Expressway and north of Fresh Kills) are the neighborhoods for which hypertension, diabetes, and life expectancy data are available.

Both Community Districts had rates of diabetes and hypertension similar to rates across New York City.<sup>85</sup> Finally, average life expectancy in St. George and Stapleton was lower than the New York City average at 79, while life expectancy in South Beach and Willowbrook was 81.2, which was the same as the New York City average.<sup>86</sup>

<sup>83</sup> NYC Environment and Health Data Portal. Asthma (adults), Age-adjusted percent; for some years, data are suppressed or come with the flag "Estimate is based on small numbers so should be interpreted with caution."

<sup>84</sup> NYC Environment and Health Data Portal. Heart attacks, Age-adjusted rate - Adults 35 to 64 Yrs Old.

<sup>85</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset. Percentage of adults ages 18 and older who report ever being told by a healthcare professional that they have diabetes; Percentage of adults ages 18 and older who report ever being told by a healthcare professional that they have hypertension, also known as high blood pressure.

<sup>86</sup> NYC DOHMH, 2018 Community Health Profiles Public Use Dataset; Life Expectancy.

***New Jersey Municipalities Near Major Highways (I-95, I-80, I-280, and I-78)***

NJDOH and NJDEP's New Jersey Healthy Community Planning program publishes six metrics for pollution-linked illness and disease:

- All Cancer Deaths, age-adjusted rate per 100,000
- Asthma Emergency Room Visits, age-adjusted rate per 10,000
- Chronic obstructive pulmonary disease (COPD) Emergency Room Visits, age-adjusted rate per 10,000
- Heart Attack (AMI) Hospitalizations, age-adjusted rate per 10,000
- Heart Disease Deaths, age-adjusted rate per 100,000
- Stroke based on In Patient Hospitalization data, age-adjusted rate per 100,000

The most burdened municipalities identified in this data set are Bayonne and East Orange, which have rates of these six metrics that are above those for all of New Jersey; Newark has rates above the statewide rates on five metrics; Irvington and Jersey City have rates above the statewide rates for four metrics; Elizabeth and Hillside for three; and Hackensack has rates that are above statewide rates for two metrics.

In contrast, East Rutherford, Englewood, Fort Lee, Kearny, Leonia, North Bergen, and Union Township are the least burdened; their populations have rates similar or below statewide rates for all six of these pollution-linked illnesses and diseases.<sup>87</sup> **Table 17D-8** summarizes the metrics for all municipalities.

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<sup>87</sup> HCP-NJ did not report rates of chronic obstructive pulmonary disease (COPD) emergency room visits for Leonia, though it has rates similar to or below the statewide rates on all five other metrics; the HCP-NJ FAQ page notes that "HCP-NJ data have been summarized or suppressed as needed to prevent identification of any individual or when data are highly unstable." Refer to "How do you keep individual-level public health data confidential?" NJDOH and NJDEP. "FAQs." Healthy Community Planning. <https://www.nj.gov/health/hcpnj/faqs/>. HCP-NJ reports do not make trend data available for comparisons over time.



**Table 17D-8. Rates of Pre-Existing Chronic Disease in New Jersey Municipalities Near Major Highways**

LOCATION	ASTHMA EMERGENCY ROOM VISITS PER 10,000	ALL CANCER DEATHS PER 100,000	HEART ATTACK HOSPITALI- ZATIONS PER 10,000	HEART DISEASE DEATHS PER 100,000	COPD EMERGENCY ROOM VISITS PER 10,000	STROKE HOSPITALI- ZATIONS PER 10,000
<b>Bergen</b>						
East Rutherford	28.6	155.8	11.7	159.2	14.2	13.6
Englewood	66.7	145.9	13	129.2	23.8	19.5
Fort Lee	19.4	120.3	7.8	88.5	6.4	12.4
Hackensack	90.4	136.8	18.2	146.5	35	22
Leonia	8	118.2	6.5	91.7	Not available	10.7
Ridgefield	25.2	218.8	15.3	151.1	13.8	20.9
<b>Essex</b>						
East Orange	169.1	170.7	20.1	231.9	46.5	30.4
Irvington	159.2	156.4	20.5	167.4	30.7	34.2
Newark	176.9	147.5	21.2	179	49.1	29
<b>Hudson</b>						
Bayonne	66	163.2	24.6	194.2	52.6	22.3
Jersey City	80.5	134	18.6	155.9	46.3	23.3
Kearny	31.2	131	14.7	123.6	16	18.4
North Bergen	41.2	106.5	16.8	127.8	23	16.3
<b>Union</b>						
Elizabeth	90	138.3	14.5	152	44.4	24.8
Hillside	95.1	176	14.1	163.8	19.8	24.1
Union Township	41.3	120.1	10.8	137.2	12.7	19
<b>New Jersey</b>						
	55.7	144.6	16.3	163.7	24.6	19.8

Source: NJDOH and NJDEP. Healthy Community Planning.

Notes: All rates are age-adjusted.

#### 17D-5.6 ENVIRONMENTAL JUSTICE COMMUNITIES BURDENED BY PRE-EXISTING POLLUTANTS OR CHRONIC DISEASE

As noted above, the USEPA EJScreen's environmental indicators are presented both as magnitudes and percentile values. According to USEPA, geographies (tracts, cities, or counties) at or above the 80th percentile should generally be considered further to identify potential risks to the local population related to air pollutants.<sup>88</sup> Like EJScreen, the CDC's EJI presents data both as rates of prevalence and percentile values, which allow the user to compare the prevalence of each health burden in a selected census tract to the prevalence of that same burden among all census tracts nationwide. According to the CDC, a percentile ranking of greater than 66.66 percent of all U.S. census tracts is considered an area with a high estimated prevalence of the subject health condition.<sup>89</sup>

<sup>88</sup> USEPA. 2019. "EJSCREEN Environmental Justice Mapping and Screening Tool: EJSCREEN Technical Documentation." September. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf), pp. 26-28.

<sup>89</sup> CDC. *Environmental Justice Index Indicators*. Access on November 15, 2022, at [https://www.atsdr.cdc.gov/placeandhealth/eji/technical\\_documentation.html](https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html).



As such, environmental justice census tracts in the 10-county environmental justice study area where both pre-existing/cumulative pollutant burdens are above the 80th percentile for the United States or existing health burdens are above the 66.66th percentile for the United States were identified for analysis purposes.

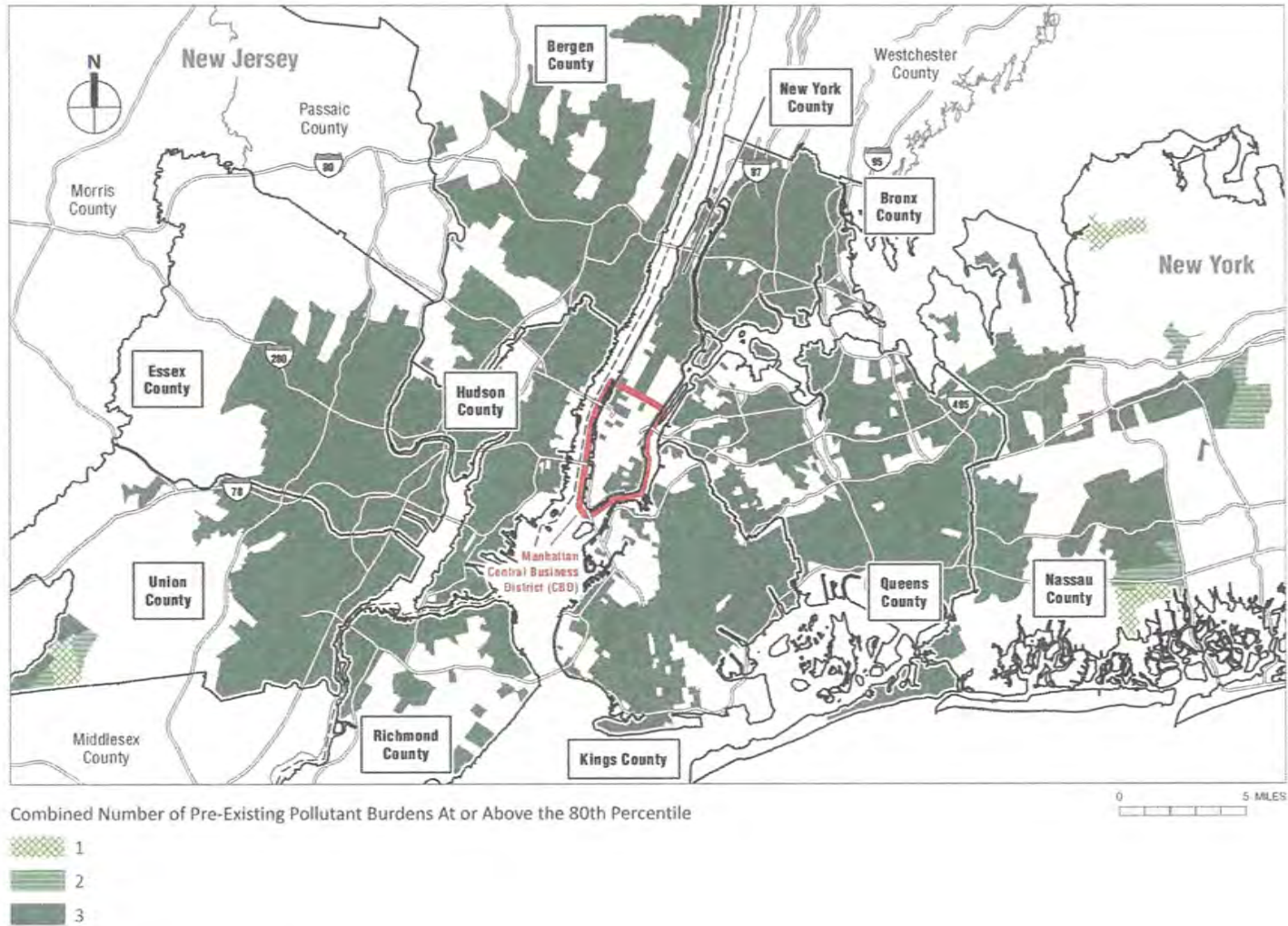
**Figure 17D-8** depicts the census tracts with at least one pollutant burden above the 80th percentile and indicates the number of pre-existing pollutant burdens that each tract experienced at those levels. **Figure 17D-9** provides the same information for the pre-existing chronic-disease burdens above the 66.66th percentile. Finally, **Figure 17D-10** shows the communities burdened by at least one pre-existing pollutant or health burden over the 80th or 66.66th national percentile, respectively, as well as the total number of indicators, combined. For details on pre-existing air pollutant and chronic disease burdens at the census tract level, see **Appendix C** of this Technical Memorandum.

As shown in **Figure 17D-8**, census tracts with pre-existing pollutant burdens above the 80th national percentile are generally located in the central portion of the 10-county study. Most of the communities in the Bronx fall into this group, along with communities in Kings (Brooklyn) and Queens Counties, northern areas of New York (Manhattan) and Richmond (Staten Island) Counties, the western portion of Nassau County, much of Hudson County, and the eastern portions of Bergen, Essex, and Union Counties. It should be noted that although four pollutants were analyzed, PM<sub>2.5</sub> does not exceed the 80th national percentile in any census tract in the 10-county environmental justice study area. As such, **Figure 17D-8** solely identifies census tracts with one to three burdens.

As noted above, **Figure 17D-9** depicts census tracts with chronic health burdens above the 66.66th national percentile. As shown in **Figure 17D-9**, these census tracts are concentrated in Bronx County, the central portions of Kings and Queens Counties, the northern portion of New York and Richmond Counties, the western portion of Hudson County, the eastern portions of Essex and Union Counties, and, to a lesser degree, in portions of Bergen and Nassau Counties.

To illustrate the cumulative effects of both pre-existing pollutant and health burdens in the 10-county environmental justice study area, both criteria were plotted in **Figure 17D-10**. As shown in **Figure 17D-10**, the highest occurrences of both pre-existing pollutant and health burdens are found in Bronx County, central Kings and Queens Counties, northern Manhattan (New York County) and Richmond County, and eastern Essex, Hudson, and Union Counties. Additionally, high levels of combined pre-existing pollutant and health burdens are present in portions of Far Rockaway in Queens County.

**Figure 17D-8. Environmental Justice Designated Census Tracts with One or More Pre-Existing Pollutant Exposure Burdens Above the 80<sup>th</sup> National Percentile**

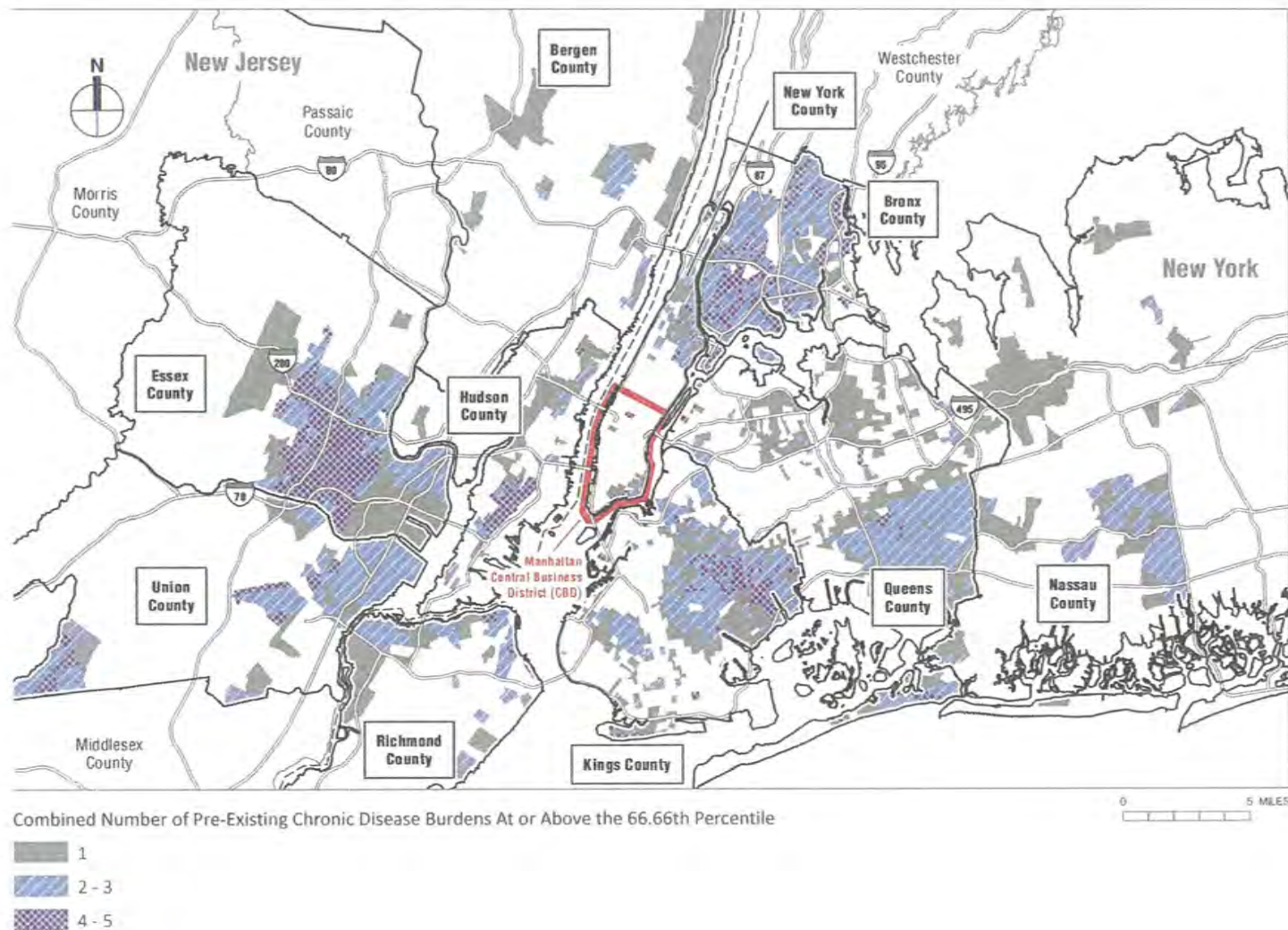


Source: EJScreen 2021 data.

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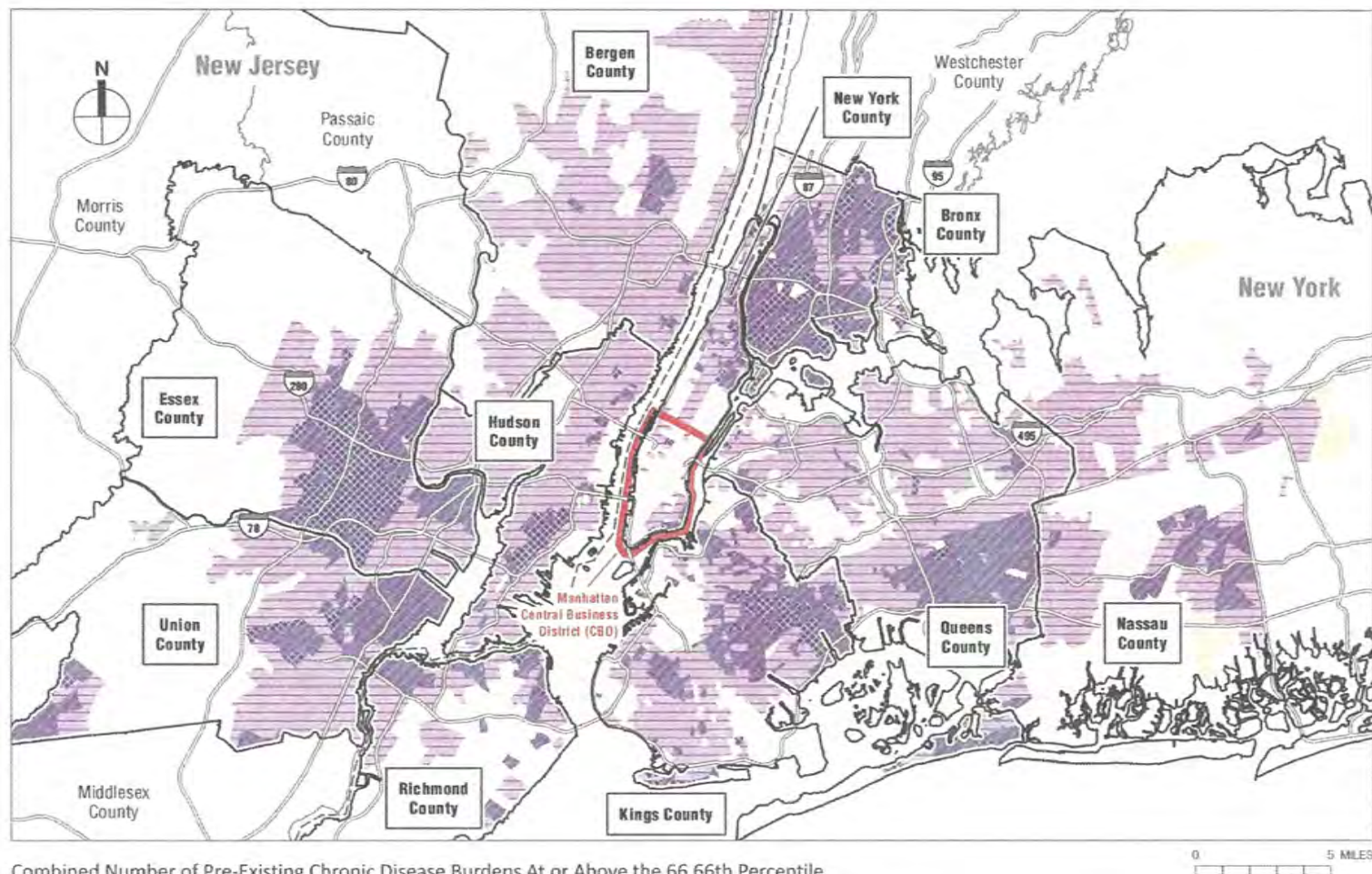
**Figure 17D-9. Environmental Justice Designated Census Tracts with Pre-Existing Chronic Disease Burdens Above the 66.66<sup>th</sup> National Percentile**



Source: EJI 2022 data.



Figure 17D-10. Environmental Justice Designated Census Tracts with Pre-Existing Pollutant or Chronic Disease Burdens above the 80th or 66.66th National Percentile, Respectively



## 17D-6. CBD Tolling Program Effects on Traffic

### 17D-6.1 OVERALL TRAFFIC EFFECTS

The region's history of development and the pre-existing burdens of pollutants and chronic disease in environmental justice communities are part of the context in which the Project Sponsors have proposed the CBD Tolling Program. This section brings together data about those burdens with the results of modeling for the Project to understand more fully which overburdened environmental justice communities, relative to national percentiles, could see traffic proximity decreases and increases under the CBD Tolling Alternative.

Changes in traffic volumes throughout the Project's 28-county study area were screened in relation to potential air quality effects on pre-existing pollution burdens in accordance with the Clean Air Act and the Final Transportation Conformity Rule (40 CFR Parts 51 and 93). The EA's air quality assessment for conformity showed that the Project will not create any new or worsen any existing violation of the NAAQS nor would the Project delay timely attainment of any NAAQS.

The purpose of this discussion is different than those regarding traffic and regional air quality in the EA, which focused on potential adverse traffic effects (**Subchapter 4B, "Transportation: Highways and Local Intersections"**) and potential adverse air quality effects (**Chapter 10, "Air Quality"**). Here, the focus relates to environmental justice and the combination of pre-existing overburdened areas, relative to national percentiles, and the Project effects. Therefore, the analytical methodologies for identifying locations of concern are also different.

The focus of the traffic screening analysis in the EA was to identify highway links that may experience potential adverse traffic effects (in terms of delay experienced by drivers) during the peak analysis periods. To evaluate the potential effects of the Project on the highway system, a screening analysis using the Best Practice Model (BPM) for all tolling scenarios was conducted to identify highway segments with a potential increase in traffic volumes greater than 5 percent. From this analysis, the tolling scenario that would be representative of those with the highest potential to increase traffic was selected and then used to assess the potential for changes in queue length, delay times, density, speeds, and level of service. The analysis examined the percentage increase in traffic—considering all vehicle classes—and the volume-to-capacity (v/c) ratio, which is a measure of congestion during the morning, midday, and evening (AM, MD, and PM) periods. The analysis used a screening threshold to identify highway links with a v/c ratio of 0.95 (near capacity) and an increase in volume of 10 percent or higher in the dominant direction during an analysis period for further analysis. Highway links that did not meet both criteria were screened out because they would be unlikely to experience adverse traffic effects.

On the other hand, the focus of this discussion of traffic increases that could exacerbate pre-existing pollution burdens examines the increases in two-way 24-hour traffic volumes, with an initial focus on truck traffic, as health-based air quality standards are based on exposure over 24-hour periods, and longer. The most relevant metric is the daily increase in truck traffic, rather than the temporal distribution of the traffic increase or the potential effect on congestion. Because most of the increases in truck traffic would occur



during the off-peak periods, especially during nighttime, congestion is not a large factor in the potential increase in truck emissions that could affect potentially vulnerable communities from an air quality and health perspective. Therefore, the links identified for the traffic screening and air quality screening in this analysis are not the same due to differences in the screening criteria relating to the vehicle classes considered, temporal distribution of the increase in traffic, and the application of a congestion criteria for the traffic screening. Further details on the truck traffic screening can be found in **Section 17D-4**.

With the CBD Tolling Alternative, total regional VMT and vehicle-hours traveled would be reduced. The largest reductions would occur in the Manhattan CBD and would diminish farther away from the Manhattan CBD. Due to these reductions in vehicle traffic, the CBD Tolling Alternative is anticipated to lower emission burdens and benefit air quality regionally, as compared to the No Action Alternative both after Project implementation and in future years (modeled for 2045).<sup>90</sup>

However, traffic modeling for the Project indicates that the CBD Tolling Alternative would result in some traffic diversions around Manhattan, into the Bronx and northern New Jersey and Staten Island in all tolling scenarios. These circumferential diversions are due to implementation of the tolling in the Manhattan CBD, as some drivers and trucks traveling to and from Long Island and Pennsylvania would divert around Manhattan to avoid the tolling in the Manhattan CBD. Modeling indicates that the locations and sizes of diversions depend on the toll-rate structure in each CBD tolling scenario.

Tolling Scenarios A, B, C, and G, with the lowest level of discounts, exemptions, and/or crossing credits, would reduce the overall traffic volumes entering and leaving the Manhattan CBD with the least potential effect on travel patterns and diversions. However, VMT would increase slightly in Staten Island and the Bronx due to some drivers to and from New Jersey diverting around the Manhattan CBD to avoid paying the CBD toll. Tolling Scenarios D, E, and F, with higher discounts, exemptions and/or crossing credits would create the highest overall reduction in traffic entering and leaving the Manhattan CBD, but with higher potential changes in travel patterns and diversions to several highways.

Decreases and increases in traffic volumes due to diversions would occur near some environmental justice communities, depending on the tolling scenario. The environmental justice communities experiencing the largest increases in traffic volumes, including trucks, from circumferential diversions would be along I-95 in northern New Jersey and in Queens at the approach to the Robert F. Kennedy Bridge. Environmental justice communities experiencing the largest decreases in traffic volumes, including trucks, would be along the Long Island Expressway (I-495) in Queens, Hell's Kitchen in Manhattan (near the Lincoln Tunnel), and in areas of New Jersey south of the Lincoln Tunnel. Decreases would result primarily from traffic no longer traveling from Long Island through the Queens-Midtown Tunnel, across the Manhattan CBD, and through the Lincoln Tunnel into New Jersey.

<sup>90</sup> Regional air quality benefits apply to the 12-county air quality study area defined as the Bronx, Kings (Brooklyn), New York (Manhattan), Queens, Richmond (Staten Island), Nassau, Suffolk, Putnam, Rockland, Westchester, Hudson, and Bergen counties.

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Shifts in traffic patterns, with increases in traffic at some locations and decreases at other locations, would change conditions at some local intersections within and near the Manhattan CBD. Of the intersections analyzed, most would see reductions in delay. Potential adverse effects on four local intersections in Manhattan would be addressed with signal timing adjustments, as described in **Section 4B.7 of Subchapter 4B, “Transportation: Highways and Local Intersections.”** **Section 10.3.2.2. of Chapter 10, “Air Quality,”** and **Appendix 10B, “Air Quality: Project-Level Hot-Spot Screening Procedure,”** provide a discussion of the air-quality screening for intersections and the finding that all intersections studied (including those in communities designated as environmental justice communities) passed NYSDOT carbon monoxide and particulate-matter screening.

### 17D-6.1.1 Truck Traffic Effects

As mentioned in **Section 17D-2**, exhaust from trucks, which has a higher level of particulate matter than automobile exhaust and has been associated with adverse health effects like cardiovascular and respiratory diseases, is a particular concern for many environmental justice populations. As explained in **Section 17D-2.1**, although all motor vehicles produce air pollutants, emissions from diesel-powered trucks are of particular concern to near-road air quality given that their exhaust contains toxic compounds that can be harmful to peoples’ health.<sup>91, 92</sup> Further, diesel-powered trucks emit more of certain pollutants per vehicle than other motor vehicles, and disproportionally contribute to traffic-related emissions.<sup>93, 94</sup>

Indeed, concerns about Project-generated increases in truck traffic in environmental justice communities were specifically raised during early outreach efforts and by commenters on the EA. Members of the Environmental Justice Technical Advisory Group for the Project requested additional information on the Project’s potential to increase the number of trucks on highways outside the Manhattan CBD, especially on the Cross Bronx Expressway in the South Bronx. Thus, special focus is given to truck traffic in this section. As with other traffic effects, regional modeling in the BPM is the basis for analysis and discussion of truck traffic effects.

The BPM analysis of truck trips assumed that deliveries would still be made to restaurants, businesses, and residents regardless of Project implementation. The BPM assumed that trip origins and destinations of trucks and other commercial vehicles would remain consistent across all the tolling scenarios. As a result, all modeled reductions in trucks into the Manhattan CBD would result from some through-trips diverting around the Manhattan CBD, balancing increased cost to access the Manhattan CBD and increased travel times to avoid the Manhattan CBD.

<sup>91</sup> USEPA. 2021. “Diesel Particulate Matter (PM) Air Toxics.” EnviroAtlas National Data Fact Sheet. January. <https://enviroatlas.epa.gov/enviroatlas/DataFactSheets/pdf/Supplemental/DieselPMairtoxics.pdf>.

<sup>92</sup> According to USEPA, exposure to diesel exhaust can lead to health conditions like asthma and respiratory illnesses and can worsen existing heart and lung disease, especially in children and the elderly. These conditions, in turn, can result in increased numbers of emergency room visits, hospital admissions, absences from work and school, and premature deaths.

<sup>93</sup> USEPA. 2014. “Near Roadway Air Pollution and Health: Frequently Asked Questions.” [US] EPA-420-F-14-044. August. <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100NFFD.PDF?Dockey=P100NFFD.PDF>. p. 3.

<sup>94</sup> Lattanzio, Richard. 2022. Heavy Duty Vehicles, Air Pollution, and Climate Change. Report IF12043. Washington, DC: Congressional Research Service. <https://crsreports.congress.gov/product/pdf/IF/IF12043>.



This section summarizes potential changes in truck volumes due to the Project using two related measures: daily truck trips or AADT and truck traffic proximity. USEPA notes that studies have found AADT, weighted inversely for distance, is a “good proxy for ambient air concentrations of NO<sub>x</sub>, PM<sub>2.5</sub>...black carbon or ultrafine PM [particulate matter].”<sup>95</sup> AADT is an input to the traffic proximity measure produced by USEPA and described in **Section 17D-4**. This Technical Memorandum presents a calculation of the Project’s potential change in truck traffic proximity using a formula similar to that used to create USEPA’s traffic proximity measure.

Here, the change in truck traffic proximity for each environmental justice census tract is equal to the difference between truck AADT on freeways and interstates in the CBD Tolling Alternative and the No Build Alternative, as forecasted in the BPM, within 300 meters (approximately 1,000 feet) of the population-weighted census tract centroid, divided by distance in meters.<sup>96</sup> Though EJScreen uses a 500-meter distance (approximately 1,600 feet) for calculating traffic proximity, the truck traffic proximity calculation presented here uses 300 meters (approximately 1,000 feet). This decision was based on the EJScreen technical documentation and a review of other studies that considered roadway proximity and pollution, including a recent report from the Urban Institute which states that after a literature review, the report authors’ “determined...that pollution is most likely to persist within closer boundaries.”<sup>97</sup>

#### 17D-6.1.2 Potential Changes in Daily Truck Trips

Figure 17D-11 presents the Project’s effect from some truck trips diverting around the Manhattan CBD under Tolling Scenario E on highways in the 10-county environmental justice study area. Truck diversions would occur in every tolling scenario, but Tolling Scenario E has the maximum truck diversions by volume for all census tracts in the 10-county environmental justice study area.<sup>98</sup> Tolling Scenario E would increase truck trips adjacent to census tracts in the South Bronx (Cross Bronx Expressway, Major Deegan Expressway, Bruckner Expressway), Upper Manhattan (Trans-Manhattan Expressway, RFK Bridge and I-278 over Randall’s Island), northern Queens (Brooklyn–Queens Expressway [BQE], Grand Central Parkway, Clearview and Whitestone Expressways), southwest Brooklyn (BQE), northern Staten Island (Staten Island

<sup>95</sup> USEPA. 2019. EJSCREEN Technical Documentation. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf). p. 52.

<sup>96</sup> The population-weighted centroids used are the Census 2010 centroids from the US Census Bureau, Centers of Population <https://www.census.gov/geographies/reference-files/time-series/geo/centers-population.2010.html#list-tab-XDA6VE8AT97QBO4ZE6>.

<sup>97</sup> USEPA. 2019. EJSCREEN Technical Documentation. [https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen\\_technical\\_document.pdf](https://www.epa.gov/sites/default/files/2021-04/documents/ejscreen_technical_document.pdf). p. 50; Samuels, Gabe and Yonah Freemark. 2022. The Polluted Life Near the Highway: A review of national scholarship and a Louisville case study. The Urban Institute. <https://www.urban.org/sites/default/files/2022-11/The%20Polluted%20Life%20Near%20the%20Highway.pdf>. p 5; American Lung Association. 2022. Living Near Highways and Air Pollution. <https://www.lung.org/clean-air/outdoors/who-is-at-risk/highways>. November; Kim, Deajin, et. al. 2022. Dynamic grid-receptor method for regional-level near-road air quality analysis. *Environment*. 105. April. <https://doi.org/10.1016/j.trd.2022.103232>; Carter, Sarah A., et al. In utero exposure to near-roadway air pollution and autism spectrum disorder in children. *Environment International*. 158. January. <https://doi.org/10.1016/j.envint.2021.106898>

<sup>98</sup> Tracts with pre-existing air pollutant and chronic disease burdens that would benefit from reduced traffic, and those affected by increased traffic, would vary somewhat, but the identified communities throughout the remainder of the discussion in this Technical Memorandum remain largely the same across tolling scenarios. Under Tolling Scenario G, Fort Lee would not experience increases.

Expressway, 440), and Bergen County in New Jersey (I-95). The CBD Tolling Alternative (Tolling Scenario E) would decrease truck trips adjacent to environmental justice census tracts in the northern Bronx (I-87), central Queens (Long Island Expressway), and Bergen County in New Jersey (I-95 and I-78).

### 17D-6.1.3 Potential Changes in Truck Traffic Proximity

Using change in truck AADT between the No Action Alternative and the CBD Tolling Alternative on major roadways, it is possible to calculate change in truck traffic proximity for both environmental justice and non-environmental justice census tracts.

Traffic proximity is useful because, as a distance-weighted measure, it provides a way to describe a location's exposure to traffic from all directions while also considering the fact that traffic at a greater distance has less effect on that location than traffic that is close to that location. Traffic proximity sums together all AADT within the maximum search distance and then provides an average number of daily vehicles present at all points within that maximum search distance if the traffic were distributed at an even rate across space.<sup>99</sup>

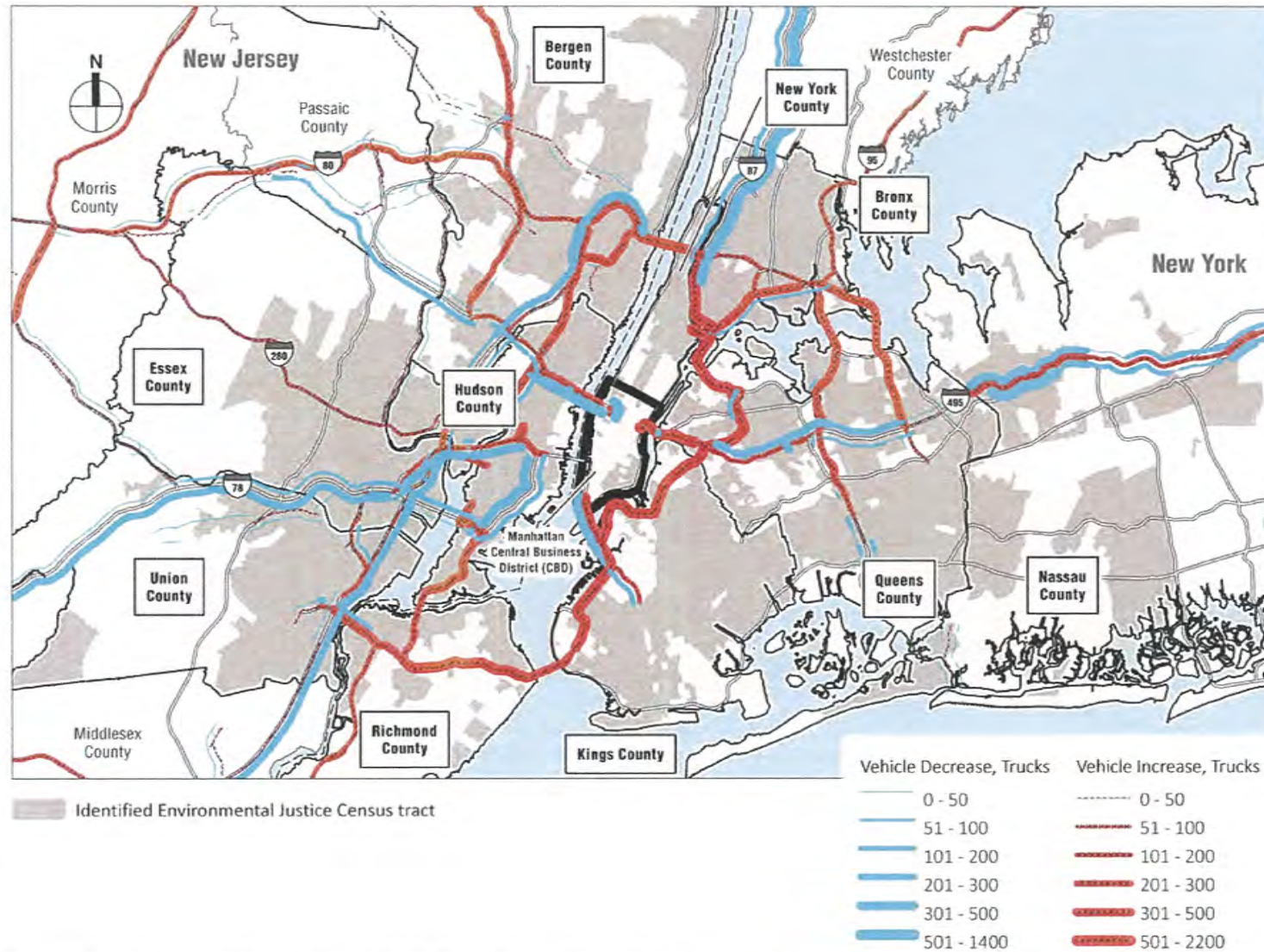
### 17D-6.1.4 Potential Changes in Truck Traffic in Environmental Justice Communities

For reasons explained in **Section 17D-2.1**, this Technical Memorandum focuses primarily on truck traffic and uses 'truck traffic proximity' to gauge the magnitude of effects, consistent with the discussion above. **Figure 17D-12** depicts the potential changes in truck traffic proximity, both increases and decreases, as measured in "truck equivalents" and as explained in **Section 17D-6.2.2** above and the relevant footnote below; in this case, the truck equivalents are at 300 meters, where air pollutant effects related to roadway traffic are higher than the ambient air quality.

<sup>99</sup> The raw number, expressed as "daily vehicles/meters distance," is more difficult to understand on its own. As an example, imagine a census tract near two roadways that carry trucks, "Main Highway" and "Center Parkway." Main Highway is 200 meters away from the center of where the tract's residents live and Center Parkway is 120 meters away. Main Highway has truck AADT of 600 while Center Parkway has truck AADT of 1,200. Residents are exposed to the effects of traffic on both roadways but at different levels. The traffic proximity value for the tract is, thus,  $\left(\frac{600 \text{ truck AADT}}{200 \text{ meters}}\right) + \left(\frac{1,200 \text{ truck AADT}}{120 \text{ meters}}\right) = \left(\frac{3,600 \text{ truck AADT}}{1,200 \text{ meters}}\right) + \left(\frac{12,000 \text{ truck AADT}}{1,200 \text{ meters}}\right) = \left(\frac{15,600 \text{ truck AADT}}{1,200 \text{ meters}}\right)$  or 13.0 truck AADT per meter distance. To translate this figure back to the more commonly understood unit, number of trucks, one must multiply this 13.0 figure by a standard distance. A shorter distance (100 meters) will yield a smaller equivalent number of trucks (1,300) than a longer distance (300 meters yields 3,900 trucks). This is logical since a smaller number of trucks that is closer to a community will have more effect than a larger number of trucks at a greater distance.



Figure 17D-11. Potential Truck Volume Changes on Highways (Tolling Scenario E)

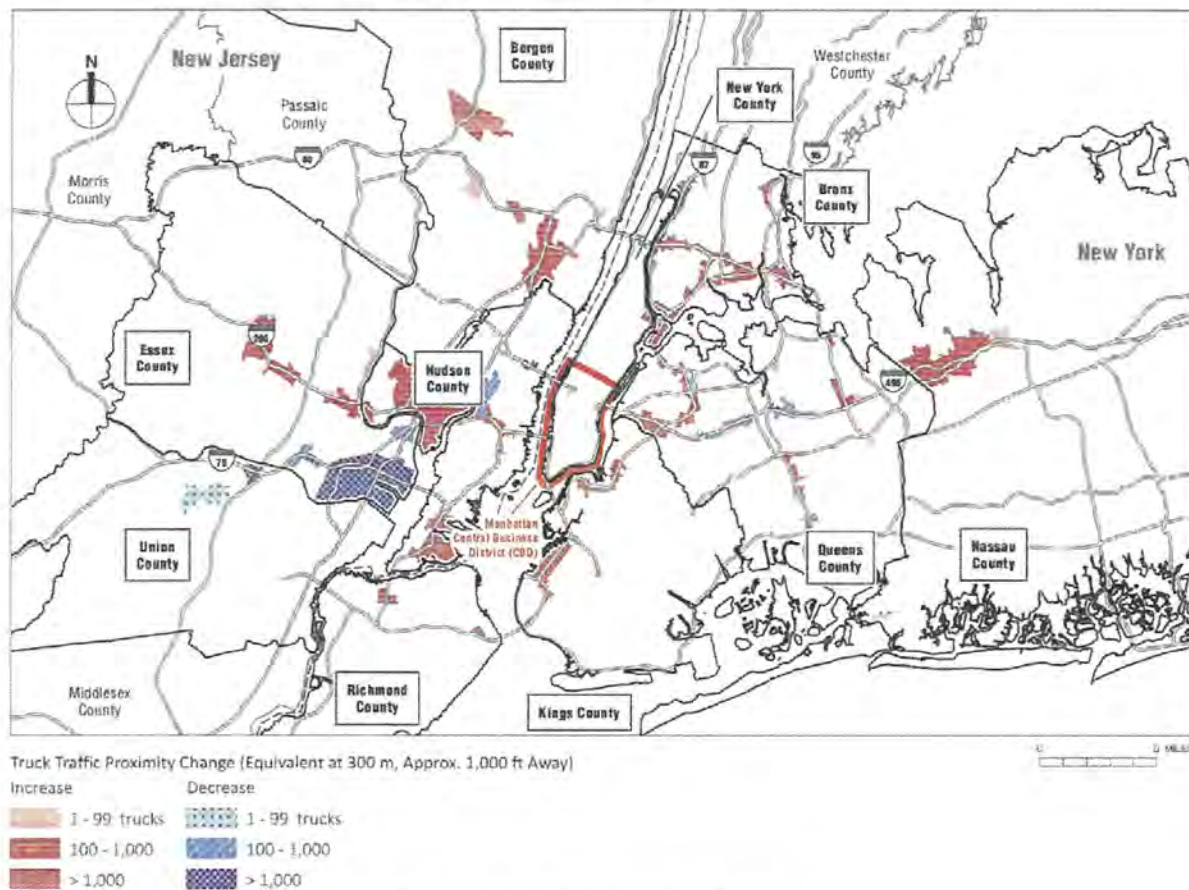


Source: Best Practice Model (BPM), WSP 2021; U.S. Census Bureau, ACS 2015-2019 5-Year Estimates used to identify environmental justice census tracts.



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 Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens

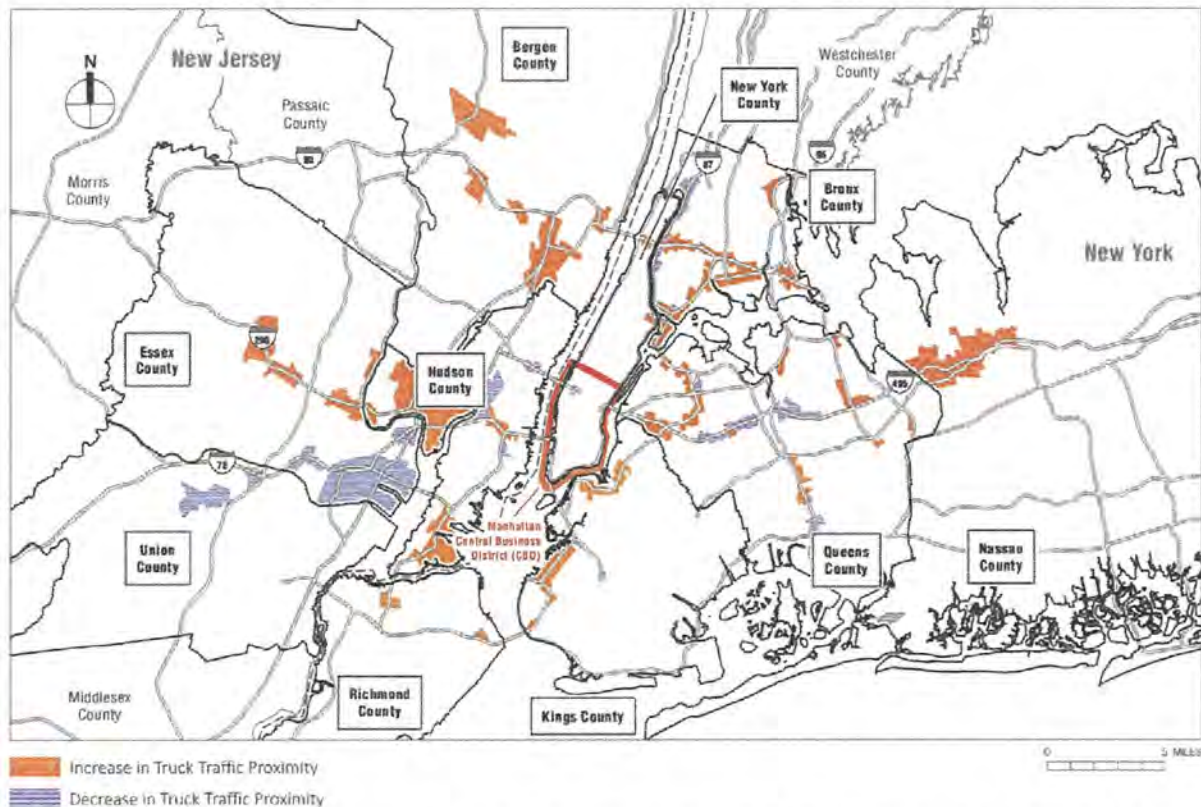
Figure 17D-12. Potential Truck Traffic Proximity Changes Over a 24-Hour Period in Environmental Justice Census Tracts (Tolling Scenario E)



Source: BPM, WSP 2021; U.S. Census Bureau, ACS 2015-2019 5-Year Estimates.

All 210 tracts that could experience truck traffic increases or decreases under Tolling Scenario E have at least one pre-existing pollutant burden at or above the 80th national percentile or at least one pre-existing chronic-disease burden at or above the 66.66th national percentile. **Figure 17D-13** presents the environmental justice census tracts with at least one pre-existing pollutant burden at or above the 80th national percentile where truck traffic proximity could increase or decrease under Tolling Scenario E.

Figure 17D-13. Environmental Justice Census Tracts with Pre-Existing Pollutant Indicators At or Above the 80th Percentile That Could Experience Truck Traffic Increases or Decreases (Tolling Scenario E)



Source: USEPA National Air Toxics Assessment (NATA) 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; BPM, WSP 2021.

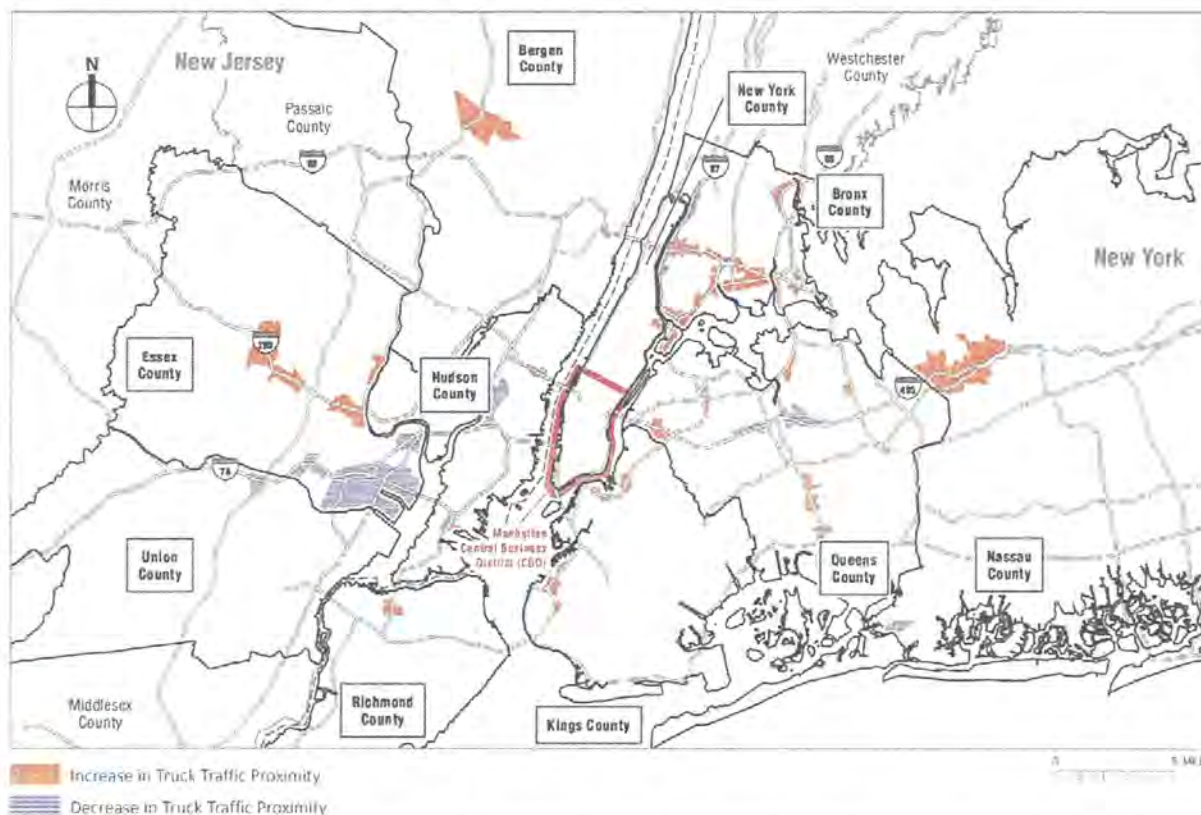
Figure 17D-14 maps the environmental justice census tracts with at least one pre-existing chronic-disease burden at or above the 66.66th national percentile where truck traffic proximity could increase or decrease under Tolling Scenario E.



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## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens

**Figure 17D-14. Environmental Justice Census Tracts with Pre-Existing Chronic-Disease Indicators At or Above the 66.66th Percentile That Could Experience Truck Traffic Increases or Decreases (Tolling Scenario E)**

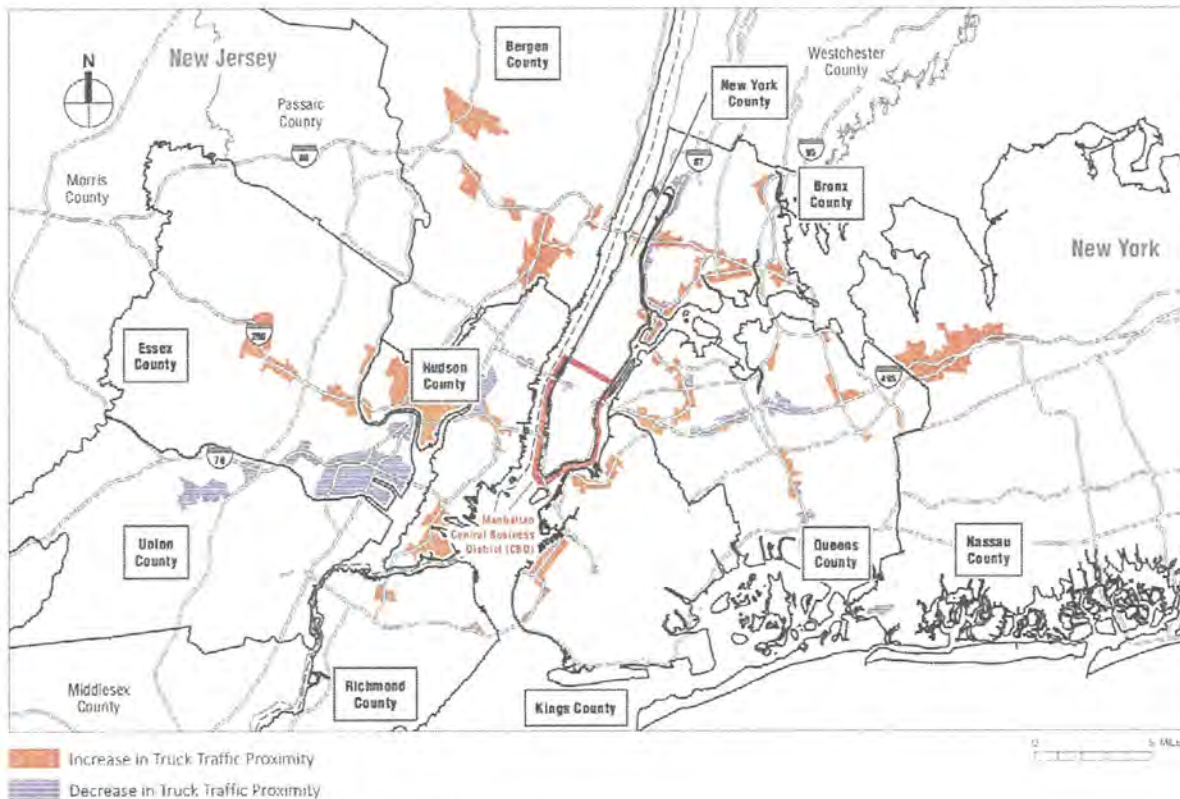


Source: U.S. Census Bureau, ACS 2015-2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

Finally, **Figure 17D-15** depicts the environmental justice census tracts with either at least one pre-existing pollutant indicator at or above the 80th percentile or at least one pre-existing chronic disease indicator above the 66.66th percentile.<sup>100</sup>

<sup>100</sup> This section explores effects of the Project on pre-existing air pollutant and health burdens at the 80th and 66.66th percentiles. For the purposes of place-based mitigation, and in line with recent Federal guidance for investments in overburdened communities, the focus shifts later in the Technical Memorandum to the 90th percentile. However, and importantly, due to the nature of this region and the distribution of both environmental justice census tracts and the level of pre-existing burdens, the same census tracts are highlighted in **Figure 17D-15** and in **Figure 17D-18**. The regional-focused mitigation would benefit all of these census tracts by reducing truck diversions and reducing emissions from trucks traveling through the highway network.

Figure 17D-15. Environmental Justice Census Tracts with Either Pre-Existing Pollutant Indicators At or Above the 80th Percentile or Pre-Existing Chronic-Disease Indicators At or Above the 66.66th Percentile That Could Experience Truck Traffic Increases or Decreases (Tolling Scenario E)



Source: CDC PLACES Estimates 2020 via EJ 2022 data; BPM.

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## Considerations for Environmental Justice Communities with Existing Pulmonary Health Burdens

The same data in the preceding figures are also presented in **Tables 17D-9 and 17D-10**, which identify the municipalities (or, in New York City, neighborhoods<sup>101</sup>) where these tracts are located. Tracts are grouped by the number of pre-existing pollutant burdens at or above the 80th percentile or pre-existing chronic-disease burdens above the 66.66th percentile experienced by the people in those tracts. The tables also depict the varying baseline numbers of trucks travelling through or adjacent to these communities by including estimates of pre-existing AADT in truck volumes on some highways, as examples, that modeling anticipates would occur under the No Action Alternative.<sup>102</sup> The tables also describe the potential change in truck volumes under Tolling Scenario E, as well as what the change would represent as a percentage of the average annual daily truck volumes estimated for the No Action Alternative. **Table 17D-9** describes the communities that would see decreases in truck proximity and **Table 17D-10** describes the communities that would see increases. Truck diversions would occur in every tolling scenario. Tracts with pre-existing air pollutant and chronic disease burdens that would benefit from reduced traffic, and those affected by increased traffic would vary somewhat, but the identified communities remain largely the same across tolling scenarios. Under Tolling Scenario G, Fort Lee would not experience increases.

<sup>101</sup> The New York City neighborhood names are derived from the UHF names for the area and encompass multiple portions of the city that may be considered separate neighborhoods. Refer to NYC Environment and Health Data Portal for more information on UHF geographies. <https://a816-doh.besp.nyc.gov/IndicatorPublic/beta/data-stories/geographies/>

<sup>102</sup> In some cases, nearby roadways will show decreases in truck AADT when truck traffic proximity increases and vice versa. This occurs because of the distance weighting that is part of calculating changes in truck traffic proximity. A nearby roadway may show a net increase in truck traffic AADT, but the center of a census tract's population may be closer to a portion of the roadway with estimated decreases in truck volumes, meaning that exposure to emissions and truck traffic proximity decreases.



Table 17D-9. Environmental Justice Communities That Could Experience Truck Traffic Proximity Decreases (Tolling Scenario E)

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
Bronx, NY	Crotona–Tremont			1	4	Major Deegan Expwy	15,042	-643	-4%
	Fordham–Bronx Park			1		Major Deegan Expwy	15,024	-686	-5%
	High Bridge–Morrisania			2	1	Major Deegan Expwy	11,872	-165	-1%
	Hunts Point–Mott Haven*			1		Bruckner Expwy	5,624	277	5%
	Kingsbridge–Riverdale		3	3	1	Major Deegan Expwy	14,679	-595	-4%
Kings, NY	Borough Park		1			Ocean Pkwy	5,689	-11	-0.2%
	Park Slope		1			Prospect Expwy	4,509	-12	-0.3%
New York, NY	Chelsea–Clinton		1			Lincoln Tunnel	2,069	-155	-7%
Queens, NY	Flushing–Clearview		2			Long Island Expwy	11,340	-290	-3%
	Fresh Meadows		2			Long Island Expwy	11,542	-283	-2%
	Jamaica			2		Van Wyck Expwy	7,487	-104	-1%
	Ridgewood–Forest Hills		4	1		Long Island Expwy	12,250	-153	-1%
	Southwest Queens			2		Van Wyck Expwy	5,039	-102	-2%
	West Queens		5	1		Brooklyn Queens Expwy East	2,303	-64	-3%
						Long Island Expwy	12,443	-170	-1%
Hudson, NJ	Jersey City		2			I-78	1,538	-580	-38%
						Pulaski Skwy	4,622	-142	-3%
	Union City		2	1		NJ 495	7,813	-703	-9%
Essex, NJ	Newark		2	1	6	I-78	13,535	-547	-4%
						I-95	12,573	-124	-1%
						McCarter Hwy	5,154	-23	-0.4%
						US 1-9	7,274	-30	-0.4%
						US 22	5,018	-24	-0.5%
Union, NJ	Union		2			I-78	8,569	-310	-4%
						US 22	4,289	-1	0.03%
Nassau, NY	Hempstead			1		Nassau Expwy	1,708	-2	-0.1%

Source: U.S. Census Bureau, ACS 2015–2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

Note: \* Truck traffic proximity decreases in this census tract, even though AADT shows a net increase.

**Table 17D-10. Environmental Justice Communities That Could Experience Truck Traffic Proximity Increases (Tolling Scenario E)**

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		No Action (AADT)	Change (AADT)	Change (%)
Bronx, NY	Crotona–Tremont			11	5	Cross Bronx Expwy	21,819	168	1%
	High Bridge–Morrisania			3	1	Cross Bronx Expwy	21,819	168	1%
	Hunts Point–Mott Haven		1	6	4	Major Deegan & Bruckner Expwys	7,618	874	11%
						Approach to RFK Bridge	9,868	1,339	14%
	Northeast Bronx			1		New England Thruway	13,640	191	1%
	Pelham–Throgs Neck		5	7	5	Cross Bronx Expwy Ext.	9,580	398	4%
						Throgs Neck Expwy	4,194	50	1%
						Bruckner Expwy	5,624	277	5%
Kings, NY	Bensonhurst–Bay Ridge		2			Gowanus Expwy	5,614	329	6%
	Downtown Brooklyn–Fort Greene		5		3	Brooklyn Queens Expwy	14,107	891	6%
	South Williamsburg		2	5		Brooklyn Queens Expwy	15,762	878	6%
	Sunset Park		13	2		Gowanus Expwy	5,031	310	6%
New York, NY	East Harlem			1	1	Approach to RFK Bridge	1,513	1,556	103%
	Randall's Island				1	RFK Bridge on Randall's Island	12,432	3,170	25%
	Washington Heights–Inwood		1	2		Trans-Manhattan Expwy	15,217	336	2%



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COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		No Action (AADT)	Change (AADT)	Change (%)
Queens, NY	Bayside–Little Neck		5			Clearview Expwy	12,029	485	4%
	Flushing–Clearview		2			Clearview Expwy	14,332	631	4%
						Whitestone Expwy	7,118	378	5%
	Jamaica		2	2		Van Wyck Expwy	8,876	303	3%
	Long Island City–Astoria					Grand Central Pkwy	9,935	2,522	25%
			6	1		Brooklyn Queens Expwy	12,572	1,982	16%
						Long Island Expwy	4,446	217	5%
	Ridgewood–Forest Hills*		1			Long Island Expwy	11,851	(116)	-1%
	Southeast Queens**		2			Clearview Expwy	7,649	59	1%
	Southwest Queens			2		Van Wyck Expwy	7,264	12	0.2%
Richmond, NY	West Queens		9			Long Island Expwy	4,446	217	5%
						Brooklyn Queens Expwy	8,657	1,696	20%
	Port Richmond		2			MLK Expwy	3,023	339	11%
	Stapleton–St. George		1			Staten Island Expwy	4,354	403	9%
	Hackensack		1			I-80	15,034	208	1%
Bergen, NJ	Ridgefield Park Village		1			US-46	3,202	195	6%
	Fort Lee***					I-95	21,427	368	2%
			1	1		N Bergen Blvd	6,499	312	5%
						NJ Rt 4	12,413	35	0.3%
	Palisades Park		1			US 1-9-46	2,854	344	12%
	Lodi					I-80	9,976	164	2%
			1			NJ Rt 17	9,387	345	4%
						US-46	4,420	13	0.3%
	Paramus					NJ Rt 17	8,858	333	4%
			1			NJ Rt 4	7,300	3	0.04%
	Ridgefield					I-95	10,644	266	2%
			1			US-9	2,905	48	2%

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COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		No Action (AADT)	Change (AADT)	Change (%)
Essex, NJ	East Orange				1	I-280	2,840	59	2%
	Newark			3	3	McCarter Hwy	6,381	17	0.3%
						I-280	6,425	117	2%
	West Orange		1			I-95	5,618	116	2%
	City of Orange				2	I-280	5,722	115	2%
Hudson, NJ	Bayonne		4			NJ Rt 440	7,432	443	6%
	Harrison		2			I-280	6,951	118	2%
	Jersey City		5			Tonnelle Ave	4,461	540	12%
						NJ Rt 139	3,571	207	6%
	Kearny		1			I-280	6,954	107	2%
						NJ Rt 9	11,481	359	3%
Nassau, NY	North Hempstead		2			Long Island Expwy	7,744	3	0.04%

Source: U.S. Census Bureau, ACS 2015-2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

Notes:

- \* Truck traffic proximity increases in this census tract, even though AADT shows a decrease.
- \*\* Census Tract 1571.02 shows a truck traffic proximity increase due to an increase of less than 1 truck per day on a Cross Island Parkway service road.
- \*\*\* Under Tolling Scenario G, Fort Lee would not experience increases.



**Table 17D-11** summarizes the changes in truck traffic proximity for the 434 census tracts in the 10-county environmental justice study area that are within 300 meters of a highway.<sup>103</sup>

**Table 17D-11. Summary of Project Effects on Truck Traffic Proximity (Tolling Scenario E)**

DIRECTION OF HIGHWAY TRUCK TRAFFIC PROXIMITY CHANGES	NUMBER OF TRACTS WITH PRE-EXISTING AIR POLLUTANT OR CHRONIC DISEASE BURDENS WITHIN 300 METERS OF A HIGHWAY			% OF COMMUNITY TYPE AFFECTED	
	Non- Environmental Justice	Environmental Justice	Total	Non- Environmental Justice	Environmental Justice
Decrease	23	56	79	19%	18%
No Change	49	101	150	40%	32%
Increase	51	154	205	41%	50%
<b>TOTAL</b>	<b>123</b>	<b>311</b>	<b>434</b>		

All of the 434 census tracts within 300 meters of a highway—both those that are environmental justice communities and those that are not—have at least one pollutant burden at or above the 80th national percentile or at least one chronic-disease burden above the 66.66th percentile, including the 284 census tracts that could experience decreases or increases in truck traffic proximity under Tolling Scenario E. The proportion of environmental justice census tracts existing within 300 meters of a highway (71.7 percent) mirrors the overall proportion of environmental justice census tracts in the 10-county environmental justice study area as a whole (70.6 percent).

Increases in truck traffic in currently overburdened communities, relative to national percentiles, would constitute an adverse effect. The effects would vary in magnitude depending on the additional volume of truck traffic and the extent of pre-existing pollutant and chronic disease burdens. As can be seen in **Table 17D-11**, a larger number of census tracts identified as environmental justice tracts (56) would experience reduced truck traffic proximity when compared to non-environmental justice tracts (23); in essence, more environmental justice tracts than non-environmental census tracts would benefit from Project-related reductions in truck traffic. Further, roughly the same proportion of environmental justice and non-environmental justice communities would see decreases in traffic truck proximity related to the Project. However, while 41 percent of non-environmental justice census tracts would experience increases in truck traffic proximity, 50 percent of environmental justice census tracts would experience increases that would not be completely alleviated by the overall beneficial effects of the Project.

#### 17D-6.1.5 Non-Truck Traffic

Given the concern regarding truck traffic, as described in **Sections 17D-2.1 and 17D-6.2**, this Technical Memorandum focuses primarily on truck traffic. However, to ensure that all potential effects are identified, and given that all motor vehicles powered by internal combustion engines produce some air pollutants, this section looks at whether highway non-truck traffic increases could occur in areas where highway truck

<sup>103</sup> The table excludes 10 census tracts with an estimated population of zero and does not include those census tracts beyond 300 meters of a highway.



*Central Business District (CBD) Tolling Program Environmental Assessment***Appendix 17D: Technical Memorandum –****Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens**

traffic would either decrease or not change under the CBD Tolling Scenario. Because Tolling Scenario E was used to explore changes in truck traffic proximity, that same tolling scenario was used to identify any differences in diversionary patterns between trucks and non-truck vehicles.

The Project Sponsors began by calculating the change in non-truck traffic proximity, using the method described in **Section 17D-6.2**, for the census tracts in the 10-county environmental justice study area under Tolling Scenario E. Then, by comparing the results of this analysis with the earlier analysis of highway truck traffic proximity, it was possible to see whether there are environmental justice-designated census tracts where highway non-truck traffic increases could occur without truck traffic increases.

Across the environmental justice study region, 39 communities had one or more tracts with at least one pre-existing air pollutant burden at or above the 80th national percentile or at least one pre-existing chronic disease burden above the 66.66th national percentile where non-truck traffic proximity could decrease under Tolling Scenario E. Meanwhile, 20 communities had one or more tracts with these levels of pre-existing burdens where non-truck traffic proximity could increase under Tolling Scenario E but where modeling indicates truck traffic proximity would decrease or not change. Some of these tracts are adjacent to parkways with truck restrictions, but others are adjacent to highways where truck traffic proximity would decrease while non-truck traffic proximity would increase. **Table 17D-12** identifies these communities. The table also depicts, separately, the baseline numbers of non-trucks and trucks travelling through or adjacent to these communities by including estimates of AADT on some highways under the No Action Alternative, as well as the potential change in both truck and non-truck volumes under Tolling Scenario E.

Notably, 11 of these communities are already identified in **Table 17D-10**, as they contain other census tracts that could experience truck traffic proximity increases under Tolling Scenario E. The remaining 9 communities not previously identified are highlighted in the table using bold font. Of these, 4 have highways where trucks are permitted but where truck traffic AADT is predicted to decrease or stay unchanged under Tolling Scenario E. Highways with truck restrictions and potential non-truck traffic increases traverse the remaining 5 communities.

Table 17D-12. Environmental Justice Communities That Could Experience Non-Truck Traffic Proximity Increases without Truck Traffic Proximity Increases (Tolling Scenario E)

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE- EXISTING POLLUTANT (80 <sup>TH</sup> PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66 <sup>TH</sup> PERCENTILE)				HIGHWAY	DAILY NON-TRUCK VOLUME			DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)	NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
Bronx, NY	Fordham–Bronx Park			2	1	Bronx River Pkwy	95,743	-26	0.0%	0	0	
						Mosholu Pkwy	49,364	183	0.4%	0	0	
	Kingsbridge–Riverdale*		1			Henry Hudson Pkwy	52,188	-2,013	-3.9%	0	0	
						Major Deegan Pkwy	137,804	-2,620	-1.9%	13,007	-642	-4.9%
						Mosholu Pkwy	70,125	-631	-0.9%	0	0	
						Bronx River Pkwy	82,916	234	0.3%	0	0	
	Northeast Bronx**			2	3	Hutchinson River Pkwy	139,000	-132	-0.1%	0	0	
						New England Thruway	114,329	-2,330	-2.0%	18,923	237	1.3%
						Bronx River Pkwy	88,312	158	0.2%	0	0	
Kings, NY	Park Slope		1			Brooklyn Queens Expwy	121,184	8,156	6.7%	15,661	639	4.1%
						Prospect Expwy	57,312	2,202	3.8%	3,187	-9	-0.3%
	East New York			1		Jackie Robinson Pkwy	87,492	1,440	1.6%	0	0	
New York, NY	Lower Manhattan				1	FDR Dr	44,052	5,755	13.1%	0	0	
	Lower East Side			3	1	FDR Dr	107,507	7,672	7.1%	0	0	
Queens, NY	Flushing–Clearview		1			Cross Island Pkwy	110,139	295	0.3%	0	0	
	Jamaica***			1		Belt Pkwy	155,884	-617	-0.4%	0	0	
						JFK Expwy	34,513	7	0.0%	0	0	
						Nassau Expwy	66,009	-1,023	-1.5%	287	6	2.1%
						Van Wyck Expwy	159,528	-138	-0.1%	5,941	-77	-1.3%
	Ridgewood–Forest Hills		2			Jackie Robinson Pkwy	117,227	553	0.5%	0	0	
	Southeast Queens			2		Belt Pkwy	157,617	53	0.0%	0	0	



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COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE- EXISTING POLLUTANT (80 <sup>TH</sup> PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66 <sup>TH</sup> PERCENTILE)				HIGHWAY	DAILY NON-TRUCK VOLUME			DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)	NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
	Southwest Queens					Cross Island Pkwy	136,974	-41	0.0%	7	0	0.0%
						Hook Creek Blvd	3,356	26	0.8%	47	0	0.0%
				1		Belt Pkwy	167,960	-1,855	-1.1%	0	0	
						Van Wyck Expwy	132,116	534	0.4%	4,268	-139	-3.3%
	West Queens		1			Long Island Expwy	184,144	1,108	0.6%	13,003	-201	-1.5%
Essex, NJ	Belleville <sup>†</sup>		1			NJ Rt 21	45,515	525	1.2%	5,499	15	0.3%
	East Orange <sup>††</sup>				3	Garden State Pkwy	108,539	1,296	1.2%	0	0	
						I-280	95,485	-1,958	-2.1%	4,329	70	1.6%
	Irvington			1	5	Garden State Pkwy	121,204	1,475	1.2%	0	0	
	Newark				1	Garden State Pkwy	128,342	1,279	1.0%	0	0	
Hudson, NJ	Jersey City <sup>†††</sup>		1			NJ Tpke Ext	35,435	-2,296	-6.5%	1,538	-580	-37.7%
Union, NJ	Elizabeth <sup>†††</sup>			2		I-95	115,637	-1,415	-1.2%	22,498	-109	-0.5%
Nassau, NY	Hempstead			1		Cross Island Pkwy	141,039	-227	-0.2%	0	0	
						Nassau Expwy	64,528	117	0.2%	1,719	-2	-0.1%

Source: U.S. Census Bureau, ACS 2015-2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

Notes:

- \* Includes Census Tract 435, Bronx County. Closer examination indicates that this tract is predicted to have an increase in non-truck traffic proximity under Tolling Scenario E; though highways passing through the tract are predicted to see decreases in non-truck traffic, the center of its population is near a highway where modeling indicates that non-truck traffic could increase.
- \*\* Includes Census Tract 302, Bronx County. Closer examination indicates that this tract is predicted to have an increase in non-truck traffic proximity under Tolling Scenario E; though highways passing through the tract are predicted to see decreases in non-truck traffic, the center of its population is near a highway where modeling indicates that non-truck traffic could increase.
- \*\*\* Includes Census Tract 306, Queens County. Closer examination indicates that this tract is predicted to have an increase in non-truck traffic proximity under Tolling Scenario E; though highways passing through the tract are predicted to see decreases in non-truck traffic, the center of its population is near a highway where modeling indicates that non-truck traffic could increase.

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- i The small potential increase in truck traffic produces a potential truck-traffic proximity change of less than one truck per meter distance in Census Tract 144, Essex County.
- ii Closer examination indicates that these tracts are predicted to have an increase in non-truck traffic proximity under Tolling Scenario E; though one highway passing through these tracts are predicted to see decreases in non-truck traffic, the centers of their population are closer to a highway where modeling indicates that non-truck traffic could increase.
- iii Non-truck traffic proximity is predicted to increase in these census tracts, even though AADT is predicted to decrease.

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Given that an analysis of potential highway non-truck traffic proximity increases under Tolling Scenario E revealed some communities that were not identified through the highway truck traffic analysis, the Project Sponsors considered whether another tolling scenario would be more appropriate for understanding the range of non-truck traffic increases under the Project. As described in **Section 17D-6.2.1**, Tolling Scenario E was selected for highway truck traffic analysis since it is the scenario with the maximum truck diversions by volume for all census tracts in the 10-county environmental justice study area. Modeled traffic results from the BPM indicated that Tolling Scenario G is the scenario with the largest potential increases in non-truck traffic across the environmental justice-designated census tracts in the 10-county environmental justice study area.

Modeling indicates that under Tolling Scenario G, 35 communities across the region have at least one census tract with at least one pre-existing air pollutant burden at or above the 80th national percentile or at least one pre-existing chronic disease burden above the 66.66th national percentile where highway non-truck traffic proximity could decrease. At the same time, 33 communities across the region have at least one census tract with at least one pre-existing air pollutant burden at or above the 80th national percentile or at least one pre-existing chronic disease burden above the 66.66th national percentile where highway non-truck traffic proximity could increase while truck traffic proximity would either remain unchanged or decrease. However, all but 11 of these communities are also identified in **Table 17D-10**, as they could experience increases in truck traffic proximity under Tolling Scenario E. Of these 11 communities, 3 have highways where trucks are permitted, and where highway truck traffic would decrease; the remaining 8 are adjacent to highways with truck restrictions in place.

**Table 17D-13** identifies these communities and highlights the communities not previously identified using bold font.

This analysis of non-truck highway traffic effects identified that certain areas within communities could experience decreases in non-truck traffic while others could experience increases. For those that could experience increases, in some cases they are in the same locations where there would be simultaneous decreases in highway truck traffic, and the disproportionate emissions from diesel-powered trucks.<sup>104, 105</sup>

<sup>104</sup> USEPA. 2014. "Near Roadway Air Pollution and Health: Frequently Asked Questions." [US]EPA-420-F-14-044. August. <https://nepis.epa.gov/Exe/ZvPDF.cgi/P100NFFD.PDF?Dockkey=P100NFFD.PDF>. p. 3.

<sup>105</sup> Lattanzio, Richard. 2022. Heavy Duty Vehicles, Air Pollution, and Climate Change. Report IF12043. Washington, DC: Congressional Research Service. <https://crsreports.congress.gov/product/pdf/IF/IF12043>



Table 17D-13. Environmental Justice Communities That Could Experience Non-Truck Traffic Proximity Increases without Truck Traffic Proximity Increases (Tolling Scenario G)

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY NON-TRUCK VOLUME			DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)	NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
Bronx, NY	Crotona–Tremont			9	5	Cross Bronx Expwy	129,551	2,822	2.2%	21,819	-97	-0.4%
	High Bridge–Morrisania			2		Cross Bronx Expwy	129,551	2,822	2.2%	21,819	-97	-0.4%
	Fordham–Bronx Park			7	1	Bronx River Pkwy	95,743	316	0.3%	0	0	
						Mosholu Pkwy	49,364	291	0.6%	0	0	
	Kingsbridge–Riverdale*		1	1		Henry Hudson Pkwy	52,188	-1,338	-2.6%	0	0	
						Major Deegan Expwy	137,804	-1,650	-1.2%	13,007	-250	-1.9%
						Mosholu Pkwy	70,125	-125	-0.2%	0	0	
						Bronx River Pkwy	88,312	502	0.6%	0	0	
	Northeast Bronx			1	3	Bronx River Pkwy	88,312	502	0.6%	0	0	
Kings, NY	Pelham–Throgs Neck		2	3		Cross Bronx Expwy Ext	67,348	2,945	4.4%	9,580	-597	-6.2%
	Bensonhurst–Bay Ridge		6	1		Belt Pkwy	102,954	215	0.2%	0	0	
						Brooklyn Queens Expwy	53,564	2,128	4.0%	5,498	-23	-0.4%
	Canarsie–Flatlands		1	1	-	Belt Pkwy	126,307	432	0.3%	0	0	
	Coney Island–Sheepshead Bay		7		-	Belt Pkwy	118,945	930	0.8%	0	0	
	Downtown Brooklyn–Fort Greene				1	Brooklyn Queens Expwy	121,184	3,341	2.8%	15,661	-2	0.0%
	East New York			1		Jackie Robinson Pkwy	87,492	538	0.6%	0	0	
	Sunset Park			1		Brooklyn Queens Expwy	69,822	1,807	2.6%	5,310	-41	-0.8%

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Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY NON-TRUCK VOLUME			DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)	NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
New York, NY	Central Harlem–Morningside Heights			2	1	Harlem River Dr	122,662	1,037	0.8%	0	0	
	Lower Manhattan				1	FDR Dr	44,052	3,137	7.1%	0	0	
	Lower East Side			3	1	FDR Dr	107,507	8,150	7.6%	0	0	
	Washington Heights–Inwood		3	3		Harlem River Dr	127,595	1,501	1.2%	0	0	
						Henry Hudson Pkwy	134,766	1,123	0.8%	0	0	
						Trans-Manhattan Expwy	109,337	4,358	4.0%	15,217	336	2.2%
Queens, NY	Bayside–Little Neck**			1		Cross Island Pkwy	112,716	297	0.3%	0	0	
						Grand Central Pkwy	102,314	77	0.1%	0	0	
						I-495	184,569	-2,145	-1.2%	17,565	9	0.1%
	Flushing–Clearview		2			Cross Island Pkwy	110,139	282	0.3%	0	0	
						Whitestone Expwy	163,532	1,054	0.6%	8,127	77	0.9%
	Jamaica***			2		Belt Pkwy	155,884	-165	-0.1%	0	0	
						JFK Expwy	34,513	-262	-0.8%	0	0	
						Nassau Expwy	66,009	-977	-1.5%	287	7	2.4%
						Van Wyck Expwy	159,528	751	0.5%	5,941	-54	-0.9%
	Ridgewood–Forest Hills		2			Jackie Robinson Pkwy	117,227	512	0.4%	0	0	
	Southeast Queens			3		Belt Pkwy	157,617	583	0.4%	0	0	
						Cross Island Pkwy	136,974	526	0.4%	7	0	0.0%
						Hook Creek Blvd	3,356	-19	-0.6%	47	0	0.0%
	Southwest Queens		1	2		Belt Pkwy	167,960	841	0.5%	0	0	
						Nassau Expwy	32,379	-910	-2.8%	23	-1	-4.3%
						Van Wyck Expwy	132,116	-535	-0.4%	4,268	-132	-3.1%



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COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT (80TH PERCENTILE) OR CHRONIC DISEASE BURDENS (66.66TH PERCENTILE)				HIGHWAY	DAILY NON-TRUCK VOLUME			DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)	NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
	West Queens		3			Grand Central Pkwy	109,447	859	0.8%	0	0	
Richmond, NY	Port Richmond		1			Dr M.L.K. Jr Expwy	20,594	2,724	13.2%	3,384	10	0.3%
Bergen, NJ	Fort Lee		1	1		I-95	136,411	9,431	6.9%	23,532	-141	-0.6%
						Palisades Interstate Pkwy	64,897	1,616	2.5%	0	0	
						US 46	46,580	3,170	6.8%	4,399	18	0.4%
	Hackensack		1			I-80	123,505	4,645	3.8%	15,059	-236	-1.6%
	Palisades Park		1			US 46	44,323	2,408	5.4%	3,591	-37	-1.0%
	Ridgefield		1			Broad Ave	24,791	720	2.9%	3,745	-2	-0.1%
						I-95	54,652	5,209	9.5%	8,740	-75	-0.9%
						US 46	64,146	2,390	3.7%	4,273	-37	-0.9%
Essex, NJ	East Orange <sup>†</sup>				3	Garden State Pkwy	108,539	1,252	1.2%	0	0	
						I-280	95,485	-1,934	-2.0%	4,329	105	2.4%
	Irvington			1	5	Garden State Pkwy	121,204	1,128	0.9%	0	0	
	Newark				1	Garden State Pkwy	128,342	1,126	0.9%	0	0	
Union, NJ	Elizabeth <sup>††</sup>		1	2		I-95	115,637	-379	-0.3%	22,498	-43	-0.2%
Nassau, NY	Hempstead		1	1		Cross Island Pkwy	141,039	149	0.1%	0	0	
						Nassau Expwy	64,528	6	0.0%	1,719	-1	-0.1%

Source: U.S. Census Bureau, ACS 2015-2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

## Notes:

- \* Includes Census Tract 435, Bronx County. Closer examination indicates that this tract is predicted to have an increase in non-truck traffic proximity under Tolling Scenario G; though highways passing through the tract are predicted to see decreases in non-truck traffic, the center of its population is near a highway where modeling indicates that non-truck traffic could increase.

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- \*\* Census Tract 1385.02, Queens County. Closer examination indicates that this tract is predicted to have an increase in non-truck traffic proximity under Tolling Scenario G; though highways passing through the tract are predicted to see decreases in non-truck traffic, the center of its population is near a highway where modeling indicates that non-truck traffic could increase.
- \*\*\* Includes Census Tract 306, Queens County. Closer examination indicates that this tract is predicted to have an increase in non-truck traffic proximity under Tolling Scenario G; though highways passing through the tract are predicted to see decreases in non-truck traffic, the center of its population is near a highway where modeling indicates that non-truck traffic could increase.
- + Closer examination indicates that these tracts are predicted to have an increase in non-truck traffic proximity under Tolling Scenario G; though one highway passing through these tracts are predicted to see decreases in non-truck traffic, the centers of their population are closer to a highway where modeling indicates that non-truck traffic could increase.
- ++ Non-truck traffic proximity is predicted to increase in these census tracts, even though AADT is predicted to decrease.

## 17D-7. Mitigation

The CEQ released the CEJST in 2022. Developed pursuant to Executive Order 14008, the tool is designed to focus investments; to “help identify disadvantaged communities that will benefit from programs included in the Justice40 Initiative” which “seeks to deliver 40 percent of the overall benefits of investments in climate, clean energy, and related areas to disadvantaged communities.”

Like other environmental justice screening tools, CEJST ranks indicators for each census tract into percentiles, comparing the values for each indicator to the same value for all other census tracts in the United States. CEJST uses a 90th percentile threshold for pollutant and health burdens in combination with a separate threshold for the share of residents with incomes below twice the Federal poverty level to identify communities as “disadvantaged.”<sup>106</sup>

Given that CEQ designed CEJST to guide benefits and investments, the Project Sponsors determined that it would be appropriate to follow CEJST’s methodology for identifying communities for mitigation to address Project effects, notably those communities in the 10-county environmental justice study area that are at or above the 90th percentile for either pre-existing pollutant or chronic disease burdens, and which may also experience increases in truck traffic proximity as a result of the Project.

**Figure 17D-16** depicts the census tracts with at least one pre-existing pollutant burden at or above the 90th percentile and indicates the number of burdens that each tract experiences at those levels. **Figure 17D-17** provides the same information for the pre-existing chronic-disease burdens included. As shown in **Figure 17D-16**, the communities most overburdened by pre-existing air pollutants, relative to national percentiles, include most of Bronx County, northern Manhattan (New York County), and portions of Kings and Queens Counties in New York and portions of eastern Bergen, Essex, Hudson, and Union Counties in New Jersey. **Figure 17D-17**, which identifies census tracts with pre-existing chronic-disease burdens that exceed the 90th national percentile, shows that these areas are concentrated in Bronx County, northern Manhattan (New York County); portions of Kings, Queens, and eastern Essex Counties; and in select areas in Richmond County, Hudson, and Union Counties.

<sup>106</sup> Refer to White House Council on Environmental Quality (CEQ). “Climate and Economic Justice Screening Tool: Methodology.” <https://screeningtool.geoplatform.gov/en/methodology#3/33.47/-97.5>. As briefly described in Section 17D-1 and detailed in Appendix 17A, “Environmental Justice: Methodology,” the share of residents below twice the poverty level was also used to identify environmental justice communities for the EA and the analysis presented here.

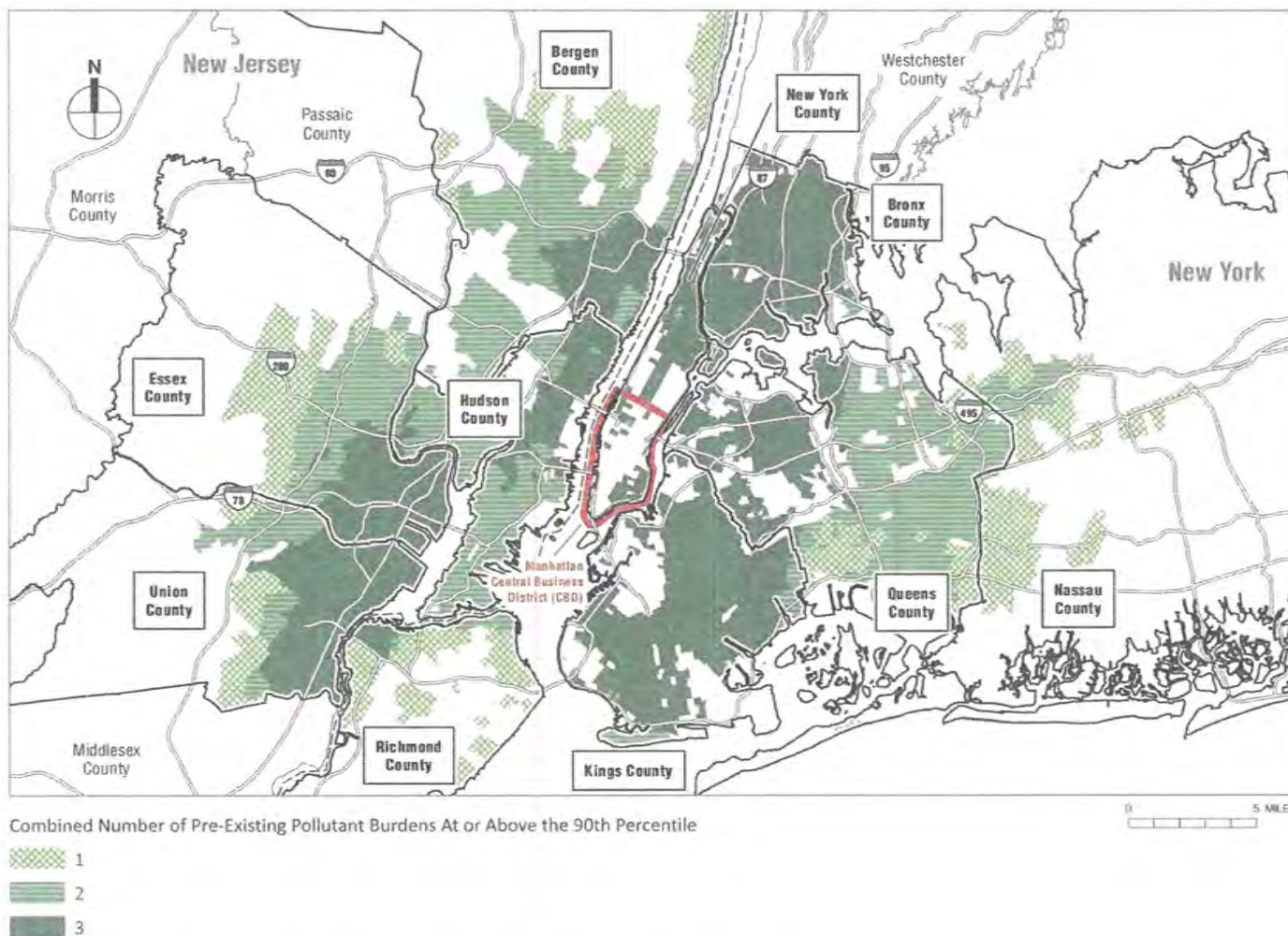


Environmental Justice Designated Census Tracts with One or More Pre-Existing Pollutant Exposure Burdens at or Above the 90th National Percentile

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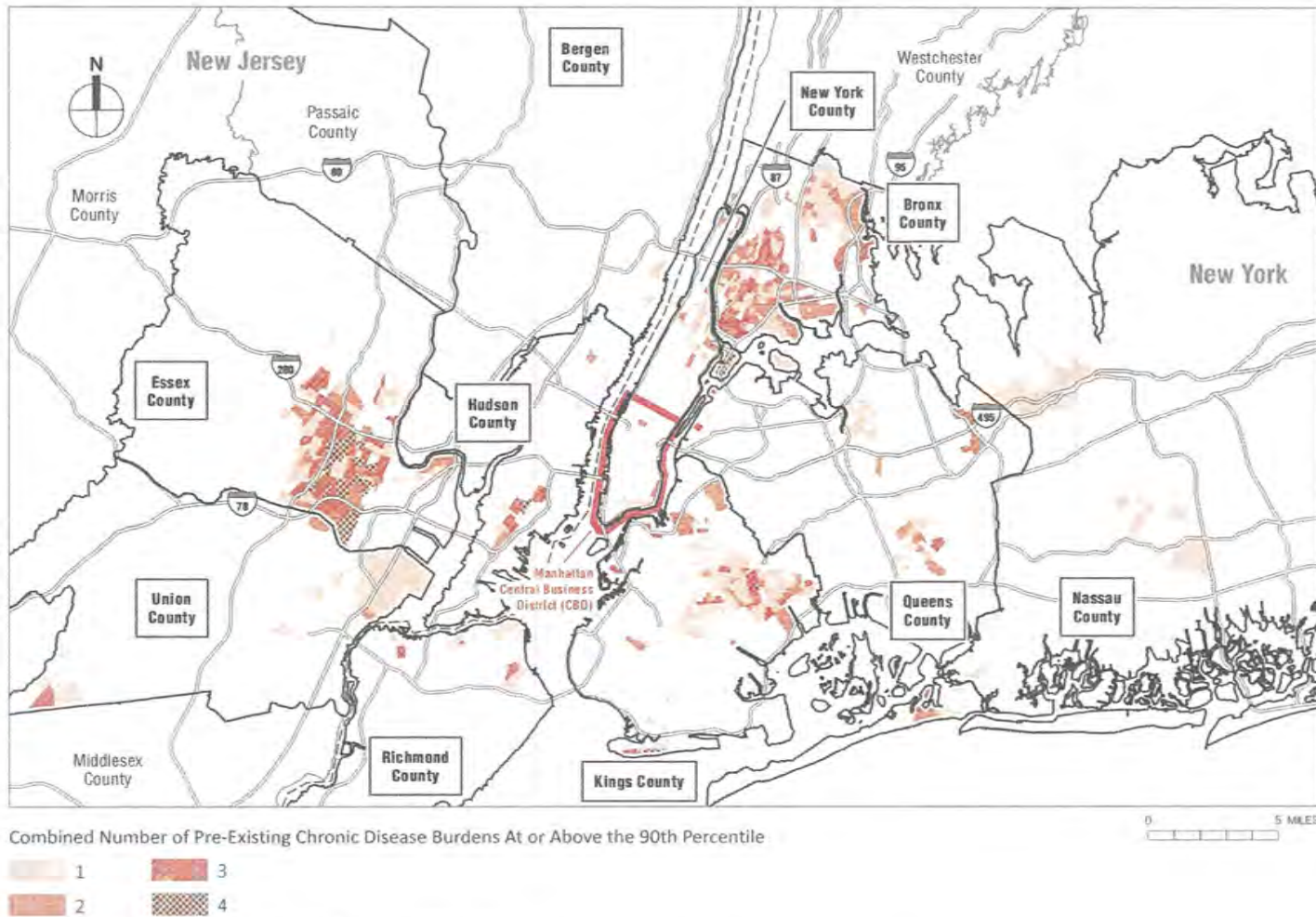
**Figure 17D-16. Environmental Justice Designated Census Tracts with One or More Pre-Existing Pollutant Exposure Burdens at or Above the 90th National Percentile**



Source: USEPA NATA 2017 and Agency Air Quality System 2018 via EIScreen 2021 data.

Note: Percentiles are national; though four pre-existing pollutant indicators were included in analysis, no tract is at or above the 90th percentile for all four.

Figure 17D-17. Environmental Justice Designated Census Tracts with Pre-Existing Chronic Disease Burdens at or Above the 90th National Percentile



Source: CDC PLACES Estimates 2020 via EJL 2022 data.

Note: Percentiles are national; though four pre-existing pollutant indicators were included in analysis, no tract is at or above the 90th percentile for all five.

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The analysis shows truck traffic could increase in environmental justice census tracts with either pre-existing pollutant or chronic-disease burdens at or above the 90th percentile located along major regional highways (e.g., I-95, I-278, and I-495) or at the approaches to major bridges (e.g., the George Washington, Robert F. Kennedy, and Verrazzano-Narrows Bridges). Census tracts at or above the 90th percentile for pollutants or chronic disease burdens that would experience a decrease in truck traffic are primarily located along roadways leading to the Manhattan CBD (e.g., I-78 and I-495).<sup>107</sup>

**Table 17D-12** describes the communities with census tracts that would see decreases in truck traffic proximity. Tracts are grouped by the number of pre-existing pollutant or chronic-disease burdens experienced by the people in those tracts at or above the 90th percentile. As with the tables in **Section 17D-6.2.3**, **Table 17D-12** provides data about some of the adjacent roadways where truck volume decreases could occur, including estimates of average annual daily truck volumes (AADT) on highways that modeling anticipates would occur under the No Action Alternative, modeled changes in truck AADT, and the percentage that this change would represent from the No Action Alternative.

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<sup>107</sup> Of note, due to the nature of this region and the distribution of both environmental justice census tracts and the level of pre-existing burdens, the census tracts with burdens at or above the 90th percentile are the same as those either at or above the 80th percentile for one or more pre-existing pollutant burdens or above the 66.66th percentile for one or more pre-existing chronic-disease burden, as shown in **Figure 17D-15**.



Table 17D-14. Environmental Justice Communities That Could Experience Truck Traffic Proximity Decreases (Tolling Scenario E)

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF POLLUTANT OR CHRONIC DISEASE BURDENS (90 <sup>TH</sup> PERCENTILE)				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		NO ACTION (AADT)	CHANGE (AADT)	CHANGE (%)
Bronx, NY	Crotona–Tremont		2	3		Major Deegan Expwy	15,042	-643	-4%
	Fordham–Bronx Park		1			Major Deegan Expwy	15,024	-686	-5%
	High Bridge–Morrisania		1	2		Major Deegan Expwy	11,872	-165	-1%
	Hunts Point–Mott Haven*		1			Bruckner Expwy	5,624	277	5%
	Kingsbridge–Riverdale		6	1		Major Deegan Expwy	14,679	-595	-4%
Kings, NY	Borough Park		1			Ocean Pkwy	5,689	-11	-0.2%
	Park Slope		1			Prospect Expwy	4,509	-12	-0.3%
New York, NY	Chelsea–Clinton		1			Lincoln Tunnel	2,069	-155	-7%
Queens, NY	Flushing–Clearview	2				Long Island Expwy	11,340	-290	-3%
	Fresh Meadows	1	1			Long Island Expwy	11,542	-283	-2%
	Jamaica	2				Van Wyck Expwy	7,487	-104	-1%
	Ridgewood–Forest Hills		5			Long Island Expwy	12,250	-153	-1%
	Southwest Queens	2				Van Wyck Expwy	5,039	-102	-2%
	West Queens		6			Brooklyn Queens Expwy East	2,303	-64	-3%
						Long Island Expwy	12,443	-170	-1%
Essex, NJ	Newark		3	5	1	I-78	13,535	-547	-4%
						I-95	12,573	-124	-1%
						McCarter Hwy	5,154	-23	-0.4%
						US 1-9	7,274	-30	-0.4%
						US 22	5,018	-24	-0.5%
Hudson, NJ	Jersey City	1	1			I-78	1,538	-580	-38%
	Union City		3			Pulaski Skwy	4,622	-142	-3%
						NJ 495	7,813	-703	-9%
Union, NJ	Union	2				I-78	8,569	-310	-4%
						US 22	4,289	-1	-0.03%
Nassau, NY	Hempstead	1				Nassau Expwy	1,708	-2	-0.1%

Source: U.S. Census Bureau, ACS 2015-2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

Note: \*Truck traffic proximity decreases in this census tract, even though AADT on this highway shows a net increase.

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**17D-7.1 OVERBURDENED AREAS THAT MAY NEED MITIGATION**

The communities in **Table 17D-15** are those where individuals experience either pre-existing pollutant burdens or chronic-disease burdens at or above the 90th percentile among all communities in the United States, and where the Project could increase exposure to truck traffic due to traffic diversions as well as related pollutants and associated health effects. **Appendix D, Table 1** of this Technical Memorandum provides a detailed list of the census tracts summarized in **Table 17D-15**.



Table 17D-15. Environmental Justice Communities That May Need Mitigation (Tolling Scenario E)

COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT OR CHRONIC DISEASE BURDENS (90TH PERCENTILE)*				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		No Action (AADT)	Change (AADT)	Change (%)
Bronx, NY	Crotona-Tremont		10	6		Cross Bronx Expwy	21,819	168	1%
	High Bridge-Morrisania		2	2		Cross Bronx Expwy	21,819	168	1%
	Hunts Point-Mott Haven		4	7		Major Deegan & Bruckner Expwys	7,618	874	11%
						Approach to RFK Bridge	9,868	1,339	14%
	Northeast Bronx			1		New England Thruway	13,640	191	1%
						Cross Bronx Expwy Ext.	9,580	398	4%
	Pelham-Throgs Neck	2	10	5		Throgs Neck Expwy	4,194	50	1%
Kings, NY						Bruckner Expwy	5,624	277	5%
	Bensonhurst-Bay Ridge	1	1			Gowanus Expwy	5,614	329	6%
	Downtown Brooklyn-Fort Greene		5	3		Brooklyn Queens Expwy	14,107	891	6%
	South Williamsburg		3	4		Brooklyn Queens Expwy	15,762	878	6%
	Sunset Park		15			Gowanus Expwy	5,031	310	6%
New York, NY	East Harlem			2		Approach to RFK Bridge	1,513	1,556	103%
	Randall's Island				1	RFK Bridge on Randalls Island	12,432	3,170	25%
	Washington Heights-Inwood		3			Trans-Manhattan Expwy	15,217	336	2%
	Bayside-Little Neck	5				Clearview Expwy	12,029	485	4%
Queens, NY						Clearview Expwy	14,332	631	4%
	Flushing-Clearview	1	1			Whitestone Expwy	7,118	378	5%
	Jamaica	4				Van Wyck Expwy	8,876	303	3%
						Grand Central Pkwy	9,935	2,522	25%
	Long Island City-Astoria		7			Brooklyn Queens Expwy	12,572	1,982	16%
						Long Island Expwy	4,446	217	5%
	Ridgewood-Forest Hills*		1			Long Island Expwy	11,851	(116)	-1%
	Southeast Queens**	2				Clearview Expwy	7,649	59	1%
	Southwest Queens	2				Van Wyck Expwy	7,264	12	0.2%
						Long Island Expwy	4,446	217	5%
	West Queens		9			Brooklyn Queens Expwy	8,657	1,696	20%
Richmond, NY	Port Richmond	2				MLK Expwy	3,023	339	11%
	Stapleton-St. George	1				Staten Island Expwy	4,354	403	9%

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COUNTY	COMMUNITY	NUMBER OF TRACTS BY NUMBER OF PRE-EXISTING POLLUTANT OR CHRONIC DISEASE BURDENS (90TH PERCENTILE)*				HIGHWAY	DAILY TRUCK VOLUME		
		1-2	3-4	5-6	7		No Action (AADT)	Change (AADT)	Change (%)
Bergen, NJ	Fort Lee***		2			I-95	21,427	368	2%
						N Bergen Blvd	6,499	312	5%
						NJ Rt 4	12,413	35	0.3%
	Hackensack	1				I-80	15,034	208	1%
	Ridgefield Park Village		1			US-46	3,202	195	6%
	Palisades Park		1			US 1-9-46	2,854	344	12%
	Lodi	1				I-80	9,976	164	2%
						NJ Rt 17	9,387	345	4%
						US-46	4,420	13	0.3%
	Paramus	1				NJ Rt 17	8,858	333	4%
					NJ Rt 4	7,300	3	0.04%	
	Ridgefield		1			I-95	10,644	266	2%
						US-9	2,905	48	2%
	Essex, NJ	East Orange	0	1	0	0	I-280	2,840	59
Newark		1	3	2	0	McCarter Hwy	6,381	17	0.3%
						I-280	6,425	117	2%
West Orange		1	0	0	0	I-95	5,618	116	2%
	City of Orange	1	0	1	0	I-280	5,722	115	2%
Hudson, NJ	Bayonne	4				NJ Rt 440	7,432	443	6%
	Harrison		2			I-280	6,951	118	2%
	Jersey City	2	3			Tonnelle Ave	4,461	540	12%
						NJ Rt 139	3,571	207	6%
	Kearny	1				I-280	6,954	107	2%
						NJ Rt 9	11,481	359	3%
Nassau, NY	North Hempstead	1	1			Long Island Expwy	7,744	3	0.04%

Source: U.S. Census Bureau, ACS 2015-2019 5-Year Estimates; USEPA NATA 2017 and Agency Air Quality System 2018 via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJ 2022 data; BPM, WSP 2021.

Notes: \* Truck traffic proximity increases in this census tract, even though AADT shows a decrease.

\*\* Census Tract 1571.02 shows a truck traffic proximity increase due to an increase of less than 1 truck per day on a Cross Island Parkway service road.

\*\*\* Under Tolling Scenario G, Fort Lee would not experience increases.



**Table 17D-15** also includes many of the locations identified in **Table 17D-13** as having potential non-truck traffic effects under Tolling Scenario G, the Tolling Scenario with the greatest non-truck traffic increases. Among the communities listed in **Table 17D-13** and not identified through the highway truck-traffic proximity analysis, potential increases on the FDR Drive in Lower Manhattan and the Lower East Side are the largest in terms both of absolute and percentage increases in AADT. In Lower Manhattan, daily volumes could increase under Tolling Scenario G by 3,137 non-truck vehicles, or 7.1 percent, per day on the FDR Drive, while to the north, the Lower East Side neighborhood could see increases of 8,150 vehicles per day, or 7.6 percent, on the same highway. All other communities would see much lower increases or decreases;<sup>108</sup> the next-highest increases on Tolling Scenario G would be on the Garden State Parkway in Irvington, at 1,128 non-truck vehicles per day, which would be a 0.9 percent increase.

## 17D-7.2 MITIGATION MEASURES

In the EA, the Project Sponsors commit to a number of mitigation and enhancement measures to address potential Project effects. Based on public comment, the Project Sponsors have clarified and/or modified some of these measures and commit to additional mitigation measures in this Technical Memorandum.<sup>109</sup> The following discussion focuses specifically on new mitigation measures that will address the potential adverse effects from Project-related traffic diversions in environmental justice communities described in this Technical Memorandum. For information on other new measures, see the response to **Comment 39** in **Appendix 18A, “Responses to Frequently Received Comments.”**

As described in this Technical Memorandum, certain environmental justice communities, including some that are overburdened, relative to national percentiles, due to pre-existing air pollution and chronic diseases, would benefit from decreased truck traffic as a result of the Project. However, some communities that are already overburdened due to pre-existing air pollution and chronic diseases, relative to national percentiles, could see an adverse effect as a result of some trucks diverting around the Manhattan CBD. If the Project receives Federal approval, the Project Sponsors will implement mitigation measures to address

<sup>108</sup> As noted in **Section 17D-6.1.3**, in some cases, nearby roadways are predicted to have decreases in AADT when traffic proximity increases. This occurs because of the distance weighting that is part of calculating changes in traffic proximity. A nearby roadway may show a net decrease in traffic AADT, but the center of a census tract's population may be closer to a portion of the roadway with estimated increases in truck volumes, meaning that the area's traffic proximity measurement increases.

<sup>109</sup> The Project Sponsors have also committed to air quality monitoring, prioritizing transition to zero-emissions bus fleet, and establishing an Environmental Justice Community Group. See response to Frequently Received Comment 39 in EA Appendix 18A, “Responses to Frequently Received Comments,” for more information. With respect to air quality monitoring, TBTA will coordinate with NYC DOHMH to expand NYC's existing network of sensors to monitor priority locations, and supplement a smaller number of real-time PM<sub>2.5</sub> monitors to provide insight into time-of-day patterns to determine whether the changes in air pollution can be attributed to changes in traffic occurring after implementation of the Project. The Project Sponsors will select the additional monitoring locations in consideration of air quality analysis in the EA and input from environmental justice stakeholders. NYSDEC and other agencies conducting monitoring will also be consulted prior to finalizing the monitoring approach. The Project Sponsors will monitor air quality prior to implementation (setting a baseline), and two years following implementation. Following the initial two-year post-implementation analysis period, and separate from ongoing air quality monitoring and reporting, the Project Sponsors will assess the magnitude and variability of changes in air quality to determine whether more monitoring sites are necessary. Data collected throughout the monitoring program will be made available publicly as data becomes available and analysis is completed. Data from the real-time monitors will be available online continuously from the start of pre-implementation monitoring.

the potential adverse effects to communities that are already overburdened by pre-existing air pollution and chronic diseases, as identified in **Section 17D-7.1**. To fund these mitigation measures the Project Sponsors have committed \$155 million over five years.<sup>110</sup> An adaptive management approach will be used which will include monitoring the efficacy of mitigation, stakeholder consultation, and adjustments as warranted.

### 17D-7.2.1 Regional Mitigation Measures

The Project Sponsors are committing \$55 million in regional mitigation measures that would reduce truck diversions, decrease emissions resulting from trucks, and reduce truck traffic during the day (**Table 17D-16**). The Project Sponsors commit to these measures, regardless of the tolling structure eventually adopted. These measures would benefit all the communities identified in **Table 17D-15** as follows:

- With respect to reducing truck diversions, modeling for the EA indicated that many of the diversions occur in the overnight hours, in part because of the toll rate (in the seven tolling scenarios analyzed in the EA, a large truck would pay a CBD toll of between \$7 and \$41 in the overnight period). Though overnight tolls modeled are already lower than the peak period toll, reducing the overnight toll further for trucks would reduce these diversions. Thus, the Project Sponsors commit to ensuring that the overnight toll for trucks and other vehicles is reduced to at or below 50 percent of the peak toll from at least 12:00 a.m. to 4:00 a.m., to decrease the incentivize for trucks to bypass the Manhattan CBD by diverting elsewhere across the 10-county environmental justice study area.
- For trucks that still divert to avoid this lower toll, the Project Sponsors will commit Project gross revenue to expand the NYC Clean Trucks Program and help lower truck emissions. The program funds the conversion of old, more polluting, trucks to newer electric, hybrid, or clean diesel vehicles. In addition to mitigating effects where truck diversions would occur, expanding the program will also mitigate effects where non-truck traffic diversions could occur but where truck traffic would decrease; in these locations, the program will reduce emissions from the vehicles still traveling on those roadways. The NYC Clean Trucks Program has previously funded the conversion of over 600 trucks, and the funding commitment of \$20 million would allow for the conversion of approximately 500 more trucks that could yield reductions of roughly one ton of PM<sub>2.5</sub> and 30 tons of NO<sub>x</sub> per year.<sup>111</sup> Participating trucks currently must be associated with a NYC Industrial Business Zone and 70 percent of the vehicle's mileage must occur within the New York–New Jersey–Connecticut tri-state area. NYCDOT monitors compliance with program requirements on an ongoing basis.
- Further, the Project Sponsors are committing to expanding the NYCDOT Off-Hours Delivery Program. This would result in air quality benefits by reducing truck travel times and truck traffic during peak periods (a 2009 study found that the median off-hours delivery time in Manhattan was 25 minutes compared to over one hour for deliveries between 7:00 a.m. and 4:00 p.m.). It would also result in

<sup>110</sup> An additional \$5 million has been allocated for mitigation and enhancement measures related to monitoring across other topics, along with \$47.5 million for a low-income toll discount. See **Chapter 16, "Summary of Effects,"** for information on all of the mitigation and enhancement measures for the Project.

<sup>111</sup> NYCDOT analysis of NYC Clean Trucks Program participant data, 2022.

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safety benefits by reducing potential conflicts with other vehicles and pedestrians during daytime hours.<sup>112</sup> The further reduced overnight tolls will also incentivize participation in this program.

**Table 17D-16. Regional Mitigation Commitments**

MITIGATION MEASURES	BENEFIT AND RESULT OF MITIGATION	5-YEAR FUNDING <sup>1</sup>	FUNDING SOURCE	IMPLEMENTATION LEAD
Further reduce the overnight toll	Minimize/avoid truck diversions	\$30 million	CBD Tolling Program	TBTA
Expand NYC Clean Trucks Program	NOx and PM <sub>2.5</sub> reductions from ~500 new clean trucks	\$20 million	CBD Tolling Program	NYCDOT
Expand NYCDOT Off-Hours Delivery Program	Safety and emissions reduction benefits resulting from reduced truck traffic during the day	\$5 million	CBD Tolling Program	NYCDOT

<sup>1</sup> An additional \$5 million has been allocated for mitigation and enhancement measures related to monitoring across other topics, along with \$47.5 million for the low-income toll discount discussed above. Enhancement measures include air quality monitoring that will expand NYC's existing monitoring network. Locations will be selected in consideration of the traffic and air quality analyses in the EA and in coordination with environmental justice stakeholders and relevant state and local agencies. This will complement the regional and place-based mitigation measures related to traffic diversions outlined in Tables 17D-16 and 17D-18 (see **Chapter 10, "Air Quality,"** for details).

### 17D-7.2.2 Place-Based Mitigation Measures

Results from analysis of non-truck traffic effects draw attention to traffic increases on the FDR Drive adjacent to the Lower Manhattan and Lower East Side communities. Additional modeling indicated that some of these increases could be mitigated by ensuring that vehicles traveling to Manhattan on the Brooklyn Bridge and then southbound on the FDR Drive by first going north, then exiting from the FDR Drive to East Houston Street, and then immediately turn left to head back south on the FDR Drive, would be tolled.

Modeling indicates that 25 to 35 percent of the traffic increases on the FDR Drive could be avoided by ensuring that any vehicle making this move is tolled, thereby disincentivizing the movement. Therefore, in addition to the traffic monitoring plan for this area related to potential adverse effects on traffic, the Project Sponsors affirmatively commit to implementing a tolling system design that will make this a tolled movement and will preclude the TBTA Board from adopting a toll structure that makes this a free movement.

Given that other communities with potential increases in non-truck traffic proximity would see much lower increases or decreases than the communities adjacent to Lower Manhattan and the Lower East Side, the concerns about Project-generated increases in truck traffic in environmental justice communities that were specifically raised during early outreach efforts and by commenters on the EA, and the fact that mitigation focused on truck emissions will benefit many of the same locations that could experience non-truck traffic, the Project Sponsors focus the remaining discussion on mitigation in locations predicted to experience increases in truck traffic (some of which could also experience increases in non-truck traffic).

<sup>112</sup> NYCDOT, Sustainable Streets Index, 2010. <https://www.nyc.gov/html/dot/downloads/pdf/ssi10-offhour.pdf>

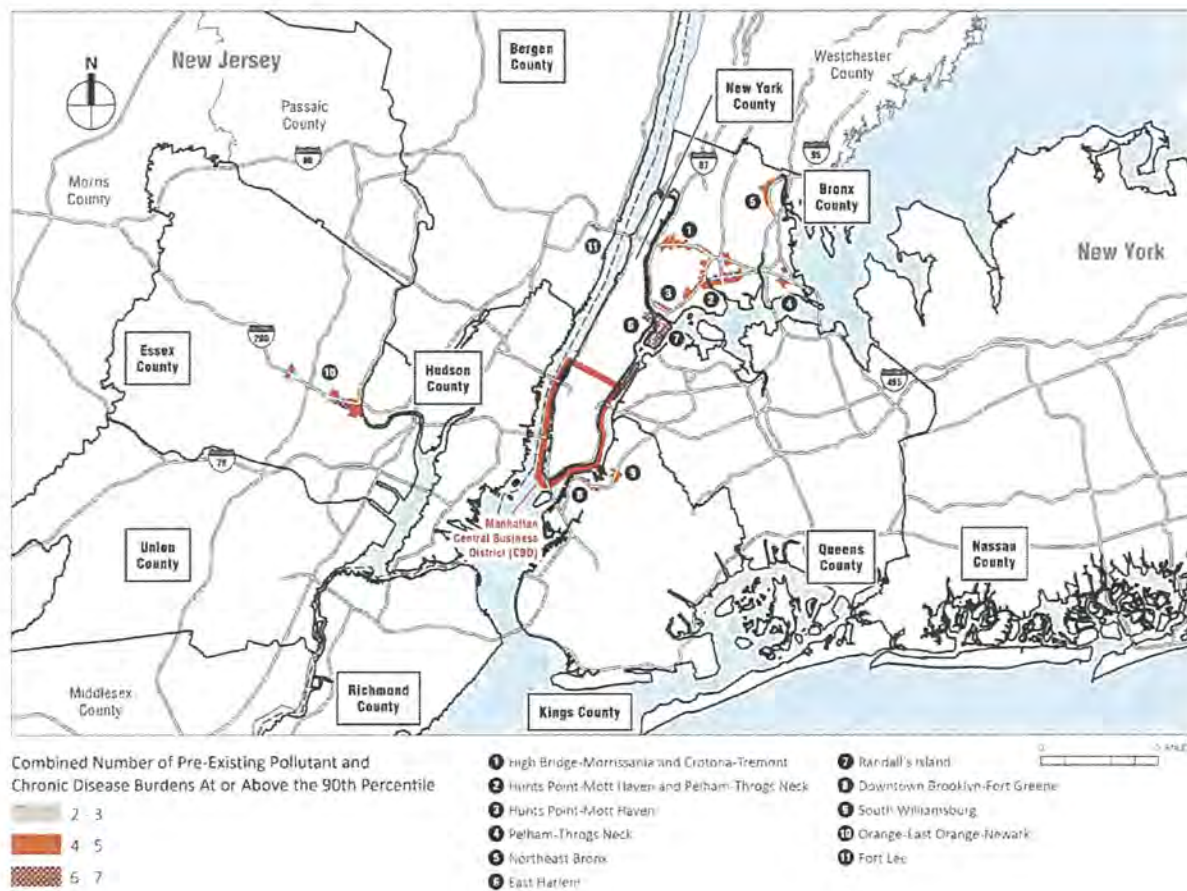


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In addition to the regional mitigation commitments, the Project Sponsors are committing to \$100 million in place-based mitigation measures, regardless of the final toll adopted by the TBTA Board. **Figure 17D-18** depicts the environmental justice census tracts where individuals experience at least one pre-existing pollutant burden and at least one pre-existing chronic disease burden at or above the 90th percentile, nationally, and where truck proximity could increase as a result of the Project. The map further categorizes each tract by the number of indicators for which the tract is in the 90th national percentile or higher. The tracts shown here have a combined number of indicators at or above the 90th percentile between two and seven; none are at or above the 90th percentile for eight or all nine indicators.

**Figure 17D-18. Environmental Justice Census Tracts with High Pre-Existing Pollutant and Chronic Disease Burdens Where Truck Traffic Proximity Could Potentially Increase (Tolling Scenario E)**



Source: USEPA NATA and Agency Air Quality System via EJScreen 2021 data; CDC PLACES Estimates 2020 via EJI 2022 data; BPM, WSP 2021.

Note: Percentiles are national. Census Tract 3009, Nassau County not shown. Potential truck volume increases and decreases on roadways within the tract would ultimately cancel each other out and result in no change of truck traffic proximity for the residential populations within the tract.

The census tracts where increases or decreases would occur are often in the same neighborhoods and towns. In 63 census tracts with high pre-existing pollutants and health burdens, truck traffic proximity would remain the same (47) or decrease (16) in Tolling Scenario E. Under the same tolling scenario, truck traffic proximity could increase in 56 environmental justice census tracts where at least one pre-existing pollutant burden and at least one pre-existing chronic disease are at or above the 90th percentiles (the locations of increases are listed in **Table 17D-17**, and the 56 census tracts are listed individually in **Appendix D, Table 2** of this Technical Memorandum).

The specific census tracts that would experience increased or decreased truck traffic change slightly depending on the tolling scenario. The following communities (as illustrated in **Figure 17D-18** and listed in **Table 17D-17**) could have census tracts that would merit place-based mitigation: High Bridge, Morrisania and Crotona, Tremont, Hunts Point, Mott Haven, Pelham, Throgs Neck, Northeast Bronx, East Harlem, Randall's Island, Downtown Brooklyn, Fort Greene, South Williamsburg, Orange, East Orange, Newark, and Fort Lee.

As seen in **Table 17D-17**, certain areas in the Bronx, notably Hunts Point and High Bridge, have many census tracts with high pre-existing burdens. Though the increase in traffic at some of these locations is more modest (e.g., along the Cross Bronx Expressway), when combined with the pre-existing burdens, it suggests a high priority for place-based mitigation measures. Other locations, particularly East Harlem, do not have a large number of tracts with pre-existing pollutant or chronic disease burdens, but do have a larger increase in truck traffic and therefore also merit place-based mitigation measures. Locations with neither high pre-existing burdens, nor large increases in truck traffic, that may experience adverse effects from Project-related diversions will be addressed more broadly through regional mitigation described earlier.

Place-based mitigation measures that will provide direct emissions reductions and air quality improvements, and will address some of the pre-existing health burdens that are identified in **Table 17D-18**.

Replacement of polluting transport refrigeration units (TRUs) at the Hunts Point Produce Market could lead to as much as 21 tons of NO<sub>x</sub> and 2.5 tons of PM<sub>2.5</sub> reduction per year for every 100 TRUs. These benefits are greater in magnitude than the potential air quality impacts of the Project in the Bronx but would be geographically limited to the Hunts Point area.

Electric truck charging infrastructure is key to enabling the environment for zero-emissions vehicles to operate in communities already overburdened by pre-existing air pollution and chronic diseases, relative to national percentiles. Through the installation of 35 new chargers for medium- and heavy-duty vehicles at three stations, the conversion to zero-emissions vehicles can be accelerated, leading to reductions in NO<sub>x</sub> and PM<sub>2.5</sub>. For this particular mitigation, Federal Carbon Reduction Program funds and CBD Tolling Program revenues would be used.

Two greening mitigation measures—the installation of roadside vegetation to improve near-road air quality and the renovation of parks and greenspaces—would help to improve community well-being and can have multiple other benefits such reducing air temperatures, preventing stormwater runoff, and increasing social interaction. If properly designed, roadside vegetation can also improve near-road air quality.



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**Table 17D-17. Daily Truck Volume in Tolling Scenario E Compared to No Action in Overburdened Communities**

COUNTY	MAP MARKER	COMMUNITY	NO. OF TRACTS BY NO. PRE-EXISTING POLLUTANT, CHRONIC DISEASE BURDENS			HIGHWAYS	DAILY TRUCK VOLUME		
			2-3	4-5	6-7		NO ACTION (AADT)	CHANG E (AADT)	CHANGE (%)
Bronx, NY	1	High Bridge–Morrisania and Crotona–Tremont	0	16	2	Cross Bronx Expwy	21,819	168	0.8%
	2	Hunts Point–Mott Haven/Pelham–Throgs Neck	0	11	3	Bruckner Expwy	5,624	277	4.9%
	3	Hunts Point–Mott Haven	0	1	2	Major Deegan & Bruckner Expwys	7,618	874	11.5%
			0	0	1*	Approach to RFK Bridge	9,868	1,339	13.6%
	4	Pelham–Throgs Neck	0	1	0	Throgs Neck Expwy	4,194	50	1.2%
			0	1	0	Cross Bronx Expwy Ext.	9,580	398	4.2%
	5	Northeast Bronx	0	1	0	New England Thruway	13,640	191	1.4%
New York, NY	6	East Harlem	0	0	2	RFK Bridge Approach at E 125th St	1,513	1,556	102.8%
	7	Randall's Island	0	0	1	RFK Bridge on Randall's Island	12,432	3,170	25.5%
Kings, NY	8	Downtown Brooklyn–Fort Greene	0	0	3	Brooklyn Queens Expwy	14,107	891	6.3%
	9	South Williamsburg	0	3	1	Brooklyn Queens Expwy	15,870	853	5.4%
Essex, NJ	10	Orange–East Orange–Newark	2	3	1	I-280	6,106	116	1.9%
Bergen, NJ	11	Fort Lee	0	1	0	I-95/George Washington Bridge	14,768	195	1.3%

## Notes:

- \* Census Tract 27.01, Bronx County, immediately north of junction between bridge approach and Bruckner Expwy; tract also included in row for Major Deegan & Bruckner Expwys above.
- \*\* Tracts with pre-existing air pollutant and chronic disease burdens that would benefit from reduced traffic, and those affected by increased traffic would vary somewhat, but the identified communities remain largely the same across tolling scenarios. Under Tolling Scenario G, Fort Lee would not experience increases.
- \*\* Census Tract 3009, Nassau County; Closer examination indicates that this tract is shown with a potential increase in truck traffic proximity under Tolling Scenario E; though roadways passing through the tract have the potential to see decreases in truck traffic, the center of its population is near a roadway where modeling indicates that truck traffic could increase.

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Table 17D-18. Place-Based Mitigation Commitments

MITIGATION MEASURES	BENEFIT AND RESULT OF MITIGATION	5-YEAR FUNDING <sup>1</sup>	RELEVANT LOCATION(S)	FUNDING SOURCE	IMPLEMENTATION LEAD
Traffic-Related Air Emissions					
Replacement of Transport Refrigeration Units (TRUs) at Hunts Point Produce Market	Major NO <sub>x</sub> and PM <sub>2.5</sub> reductions from the replacement of up to 1,000 TRUs	\$15 million <sup>2</sup>	Hunts Point	MTA CMAQ Program	NYCDOT
Implement Electric Truck Charging Infrastructure	NO <sub>x</sub> and PM <sub>2.5</sub> reductions from electric vehicles using 35 new chargers (at seven stations)	\$20 million	After toll rates are set, a process that includes both additional analyses and community input will take place to determine specific locations	\$10 million Federal CRP* + \$10 million CBD Tolling Program	NYSDOT
Install Roadside Vegetation to Improve Near-Road Air Quality	Improves near-road air quality by pollutant capture from ~4,000 trees and ~40,000 shrubs	\$10 million		CBD Tolling Program	TBTA with Relevant State and Local Agencies
Renovate Parks and Greenspace in Environmental Justice Communities	Increases overall community well-being. 2-5 park/greenspace renovations depending on size and complexity.	\$25 million		CBD Tolling Program	TBTA with Relevant State and Local Agencies
Associated Health Burdens					
Install Air Filtration Units in Schools Near Highways	Removes air pollutants from classrooms. 25-40 schools depending on school size and complexity of existing HVAC system.	\$10 million	After toll rates are set, a process that includes both additional analyses and community input will take place to determine specific locations	CBD Tolling Program	TBTA with Relevant State and Local Agencies
Establish Asthma Case Management Program and Bronx Center	Reduces hospitalizations and doctor visits, decreases days and nights with symptoms and missed school days – program expansion up to 25 schools	\$20 million		CBD Tolling Program	NYC DOHMH

## Notes:

\* CRP – Carbon Reduction Program

<sup>1</sup> An additional \$5 million has been allocated for mitigation and enhancement measures related to monitoring across other topics, along with \$47.5 million for the low-income toll discount discussed above. Enhancement measures include air quality monitoring that will expand NYC's existing monitoring network. Locations will be selected in consideration of the traffic and air quality analyses in the EA and in coordination with environmental justice stakeholders and relevant state and local agencies. This will complement the regional and place-based mitigation measures related to traffic diversions outlined in Tables 17D-16 and 17D-18 (see Chapter 10, "Air Quality," for details).

<sup>2</sup> After three years, any remaining funds designated for TRU replacements may also be used for clean truck replacement vouchers through the NYC Clean Trucks Program.



The installation of air filtration units in schools near highways with truck traffic increases would help to mitigate effects at schools, which are sensitive receptor sites. Deployment would be modeled after NYC DOE's upgrades at Lehman High School in the Bronx to reduce air quality impacts from proximity to the Hutchinson River Parkway. This is one of the most flexible place-based mitigation measures and could be deployed in New Jersey. Costs vary by the type of school, but approximately 40 schools could benefit from this mitigation at this funding amount.

Lastly, funding for an Asthma Case Management Program and a new Bronx neighborhood asthma center modeled after NYC DOHMH's East Harlem Asthma Center of Excellence (EHACE) could bring in-school case management at K-8 schools and neighborhood asthma care capacity to new locations. EHACE's counselor program reported outcomes of 50 percent reduction in hospitalizations, a 56 percent decrease in emergency department visits, significant decreases in the number of days and nights with asthma symptoms, along with reductions in missed school days related to asthma, for program participants.

### 17D-7.2.3 Determination of Specific Locations for Place-Based Mitigation

As noted in **Table 17D-14**, the Project Sponsors have committed to a toll policy that would further reduce tolls in the overnight period. Based on preliminary analysis, it is expected that this policy will avoid a significant portion of projected truck diversions, as many of these diverted trucks are projected to occur during the overnight hours. Following the adoption of a final toll structure by TBTA, which will include this reduced overnight toll rate along with the toll rates and any other potential discounts, crossing credits and/or exemptions, modeling of the adopted tolling structure will be undertaken to compare potential effects to the EA analyses.<sup>113</sup>

After toll rates are set, a process that includes both additional analyses and community input will take place to determine the sites of the place-based mitigation (e.g., in which schools to install air filtration units, or on what roadway to plant vegetation). This will require coordination between the Project Sponsors, the Environmental Justice Community Group (representing the 10-county environmental justice study area), the relevant communities receiving the place-based mitigation, and local implementing agencies and will include needs assessment and feasibility screening to determine the range of possibilities as described further in **Chapter 17, "Environmental Justice."** The Project Sponsors will work with the implementing agencies through existing public engagement and participation processes to then prioritize and select the specific locations. The specific place-based mitigation sites will be made available to the public by a posting on the Project website, as well as direct emails to members of the public who have signed up to receive information about the Project.

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<sup>113</sup> As described in the EA, the adopted tolling scenario will be evaluated to determine if it could have effects that are materially different from those identified in the EA; and if so, further analysis may be required before Project implementation.



## 17D-8. Conclusions

As discussed in the EA, all tolling scenarios in the CBD Tolling Alternative would provide benefit by reducing automobile and truck trips to the Manhattan CBD, reducing VMT to and within the Manhattan CBD and regionally, and shifting auto trips to transit. The Project would also bring broad benefits by generating revenue for investment in transit, which is particularly beneficial to environmental justice populations who rely on public transit for commuting and other trips.

Traffic modeling for the Project indicates that the CBD Tolling Alternative would result in some traffic diversions around Manhattan, into the Bronx and northern New Jersey and Staten Island in all tolling scenarios, as some people who would otherwise travel through the Manhattan CBD would choose a different path to avoid the new toll. These diversions from the Project could potentially cause adverse effects in the form of added traffic within some communities that already have pre-existing pollution and chronic disease burdens. These effects would vary in magnitude depending on the volume of increased truck traffic and the extent of pre-existing burdens. A majority of adversely affected census tracts would be environmental justice communities, in part because in the 10-county environmental justice study area, a majority of communities are identified as environmental justice communities.

To address these potential adverse effects, the Project Sponsors have committed to a large investment in mitigation, including regional measures to reduce diversions and emissions from trucks throughout the 10-county environmental justice study area, as well as place-based measures that would be implemented in specific areas that have the highest pre-existing burdens or could experience the largest magnitude of diversions as the result of the Project. The Project Sponsors commit to these measures, regardless of the tolling structure eventually adopted.

With these mitigation commitments incorporated, the Project would not result in a disproportionately high and adverse effect on environmental justice populations.



## Appendix A: Studies Linking Pollutants to Health Outcomes

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Considerations for Environmental Justice Communities with Existing Pollution Exposures and/or Potential(A)

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Considerations for Environmental Justice Communities with Existing Air Quality Health Fundamentals (Appendix 4)

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*Central Business District (CBD) Tolling Program Environmental Assessment*  
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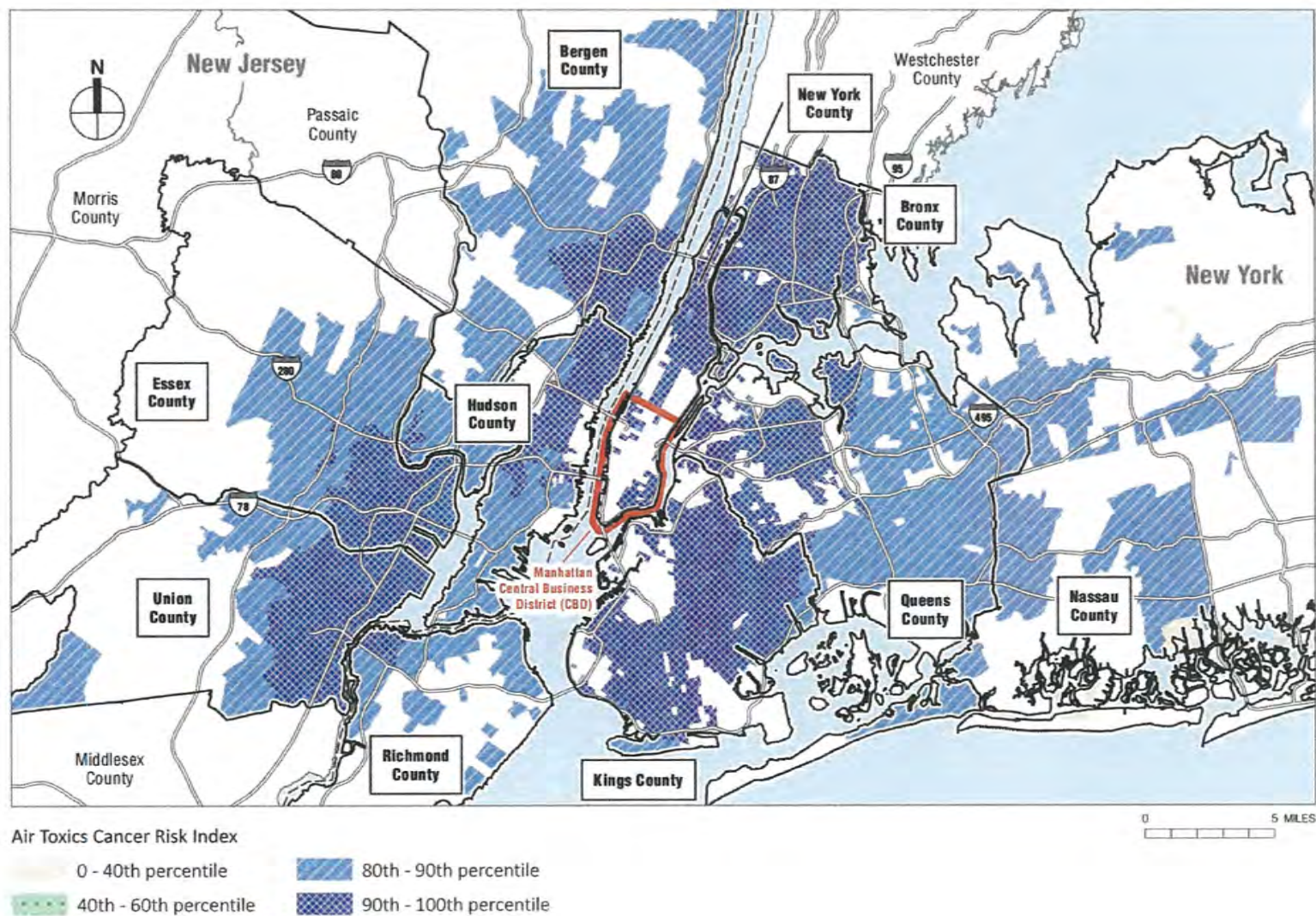
## **Appendix B: Pre-Existing Air Pollutant and Chronic Disease Burden Maps**

Central Business District (CBD) and Environmental Justice

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Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix B)

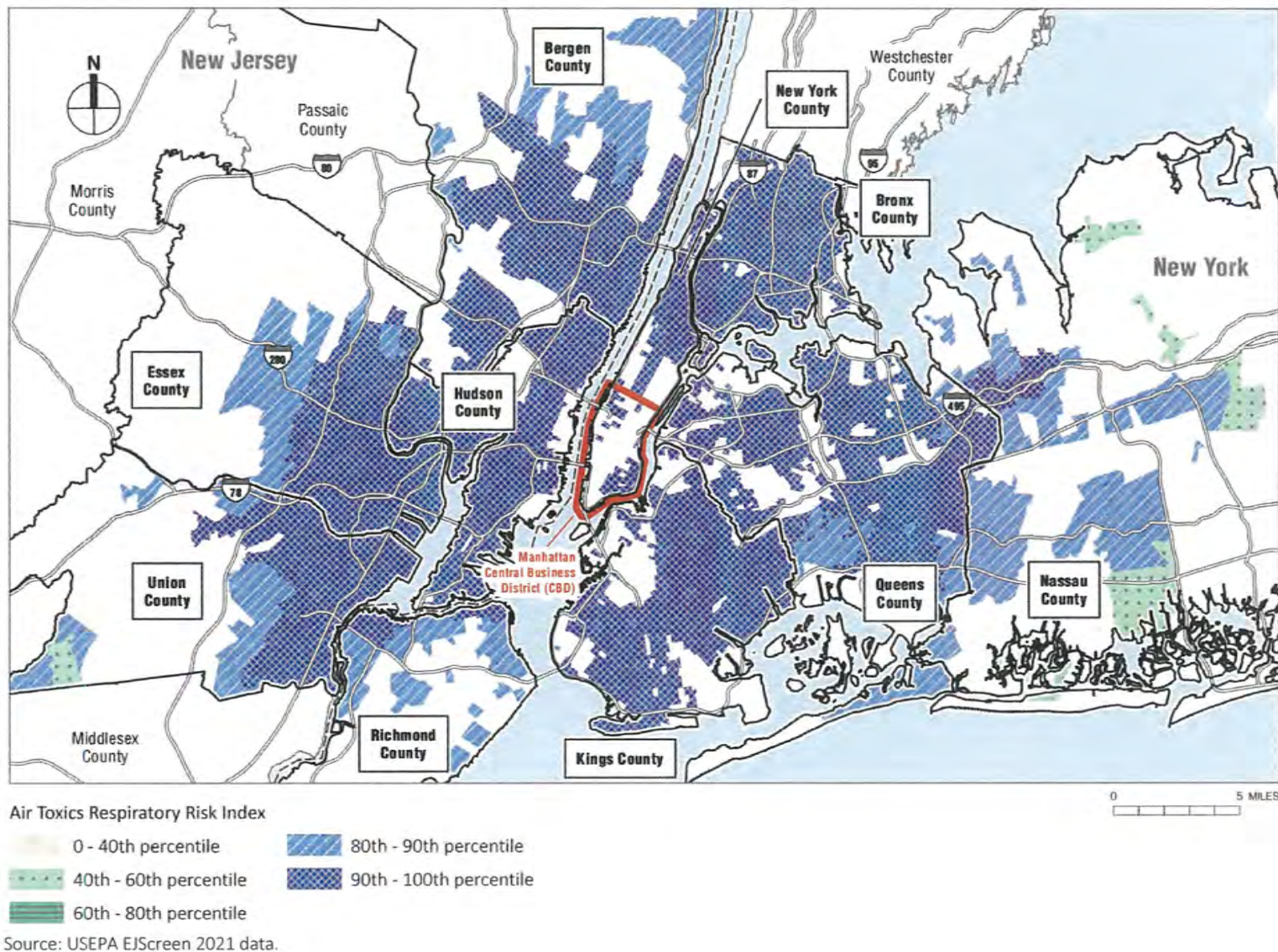
Figure B-1: Air Toxics Cancer Risk Index in Environmental Justice Designated Census Tracts, National Percentiles



Source: USEPA EJScreen 2021 data.



Figure B-2. Air Toxics Respiratory Hazard Index in Environmental Justice Designated Census Tracts, National Percentiles





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Figure B-3. Diesel Particulate Matter Burdens in Environmental Justice Designated Census Tracts, National Percentiles

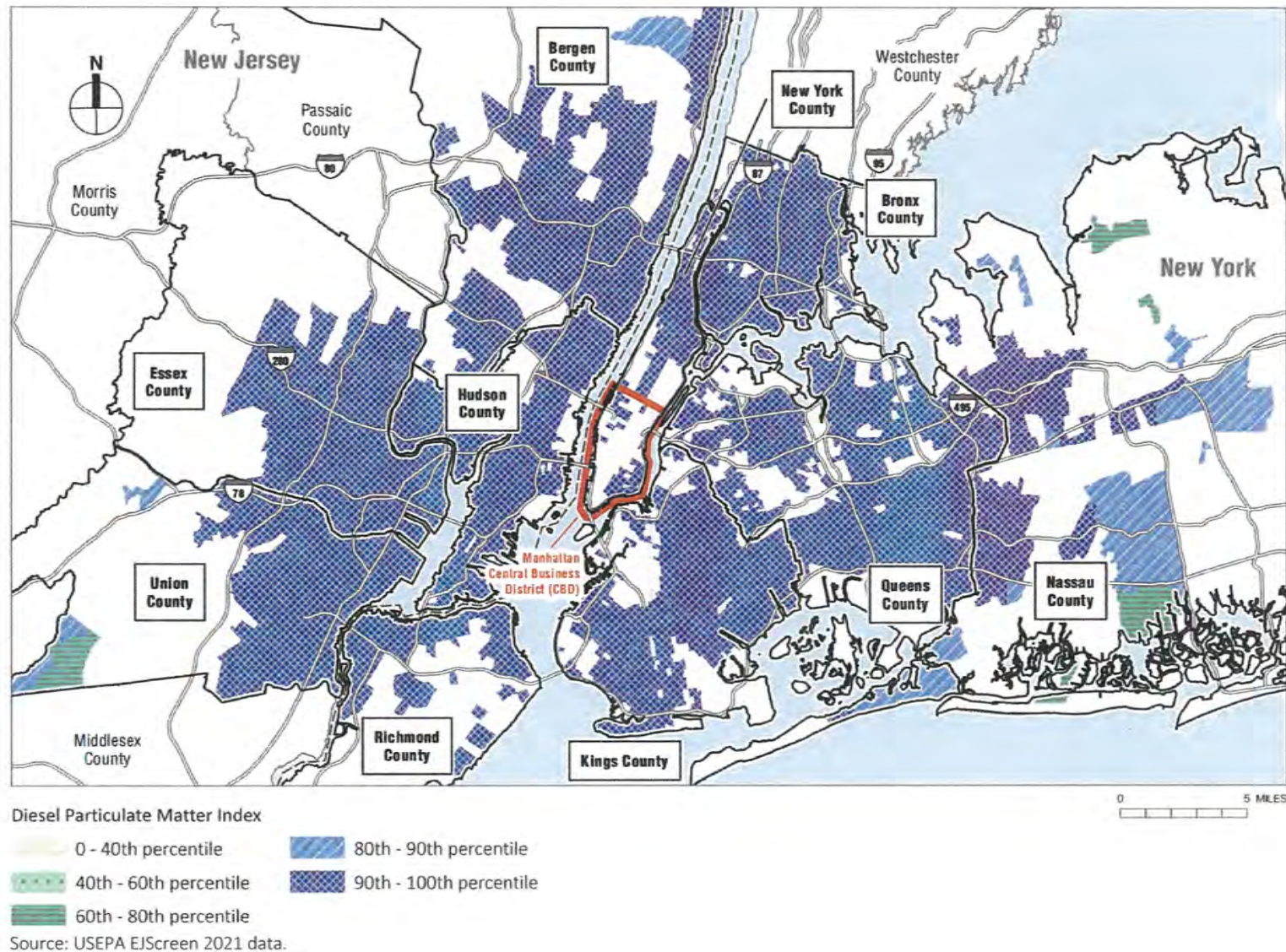
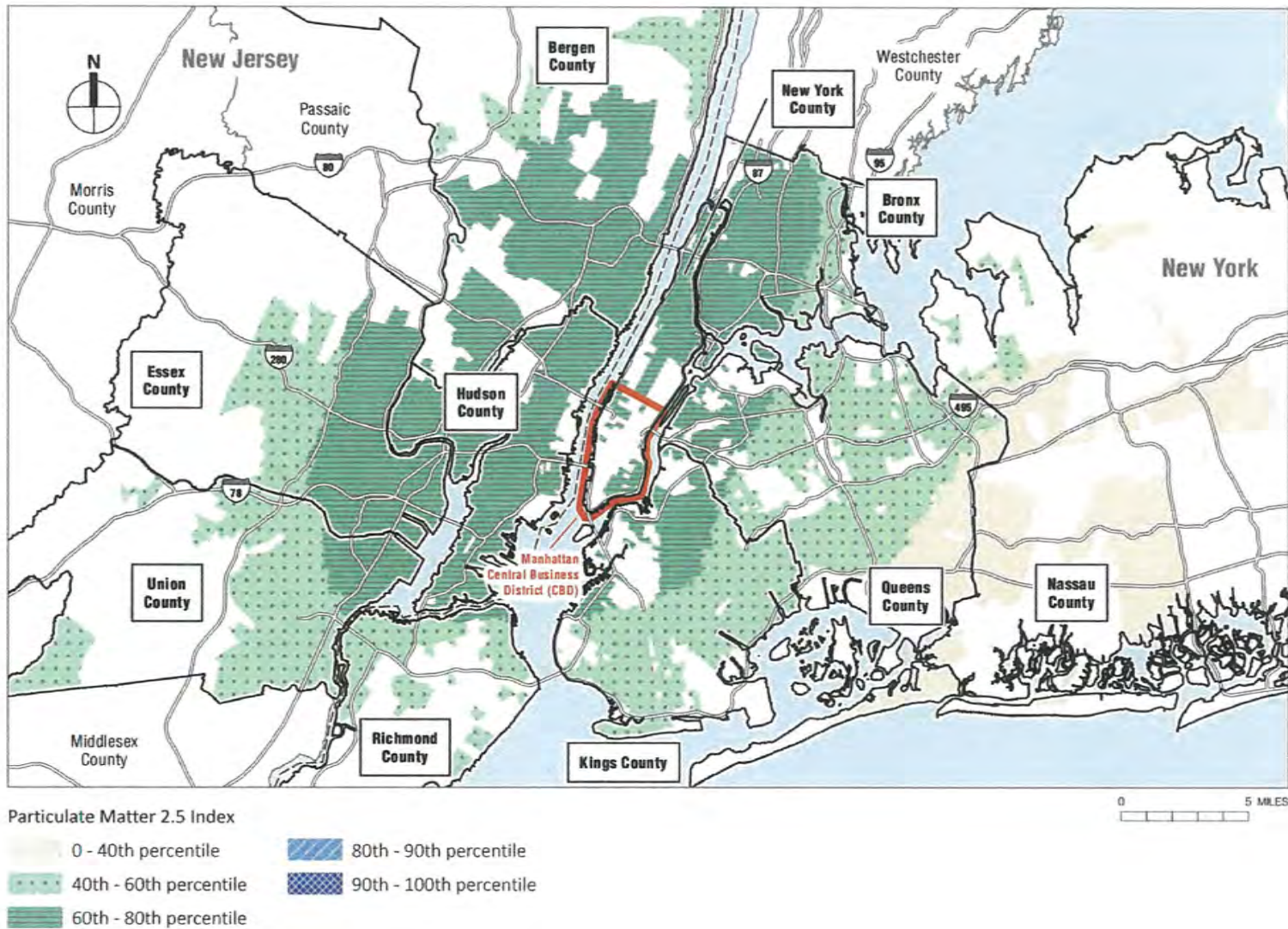




Figure B-4. PM<sub>2.5</sub> Burdens in Environmental Justice Designated Census Tracts, National Percentiles

Source: USEPA EJScreen 2021 data.

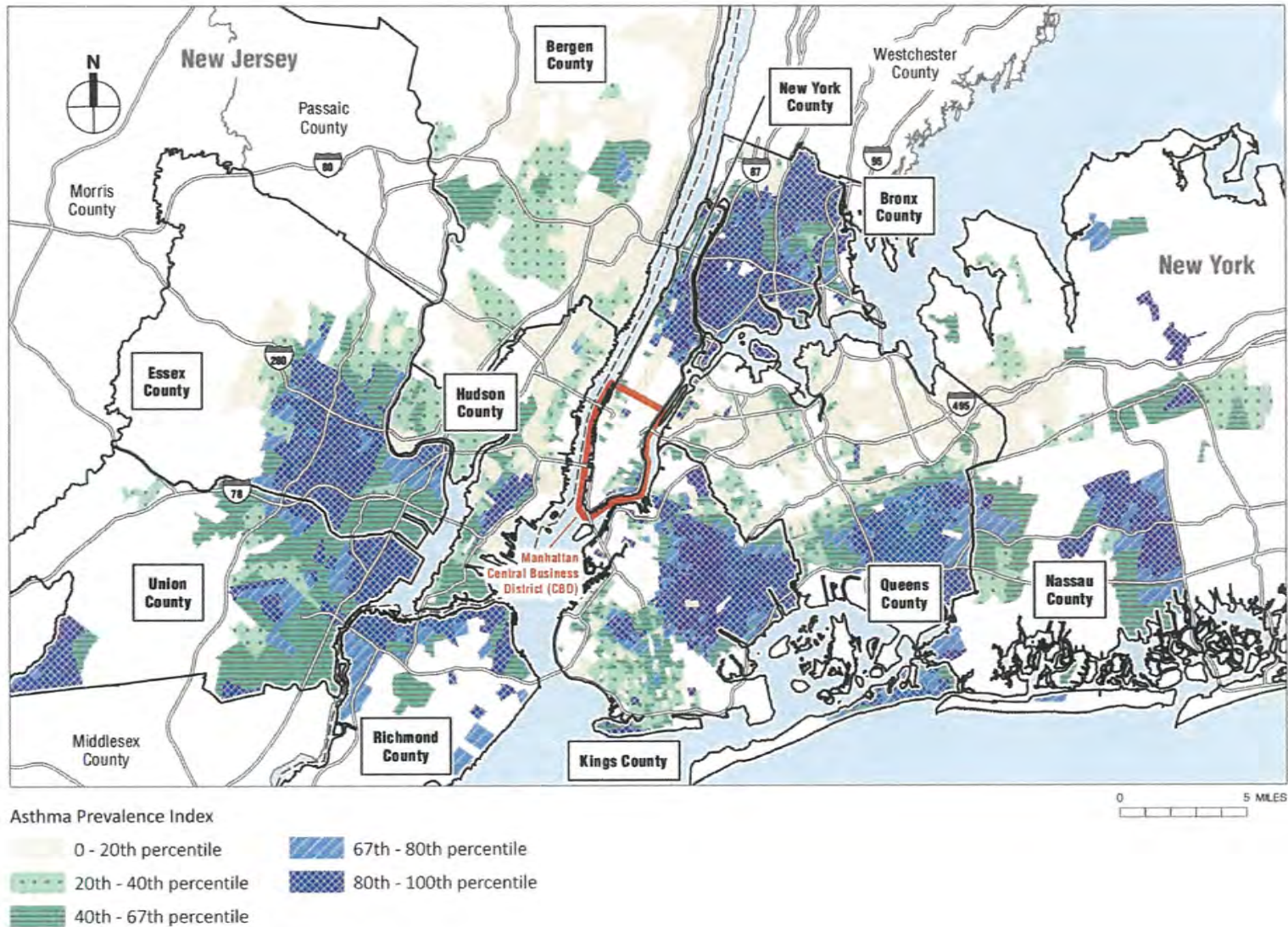


Central Business District (CBD) Census Tracts Designated Environmental Justice Communities

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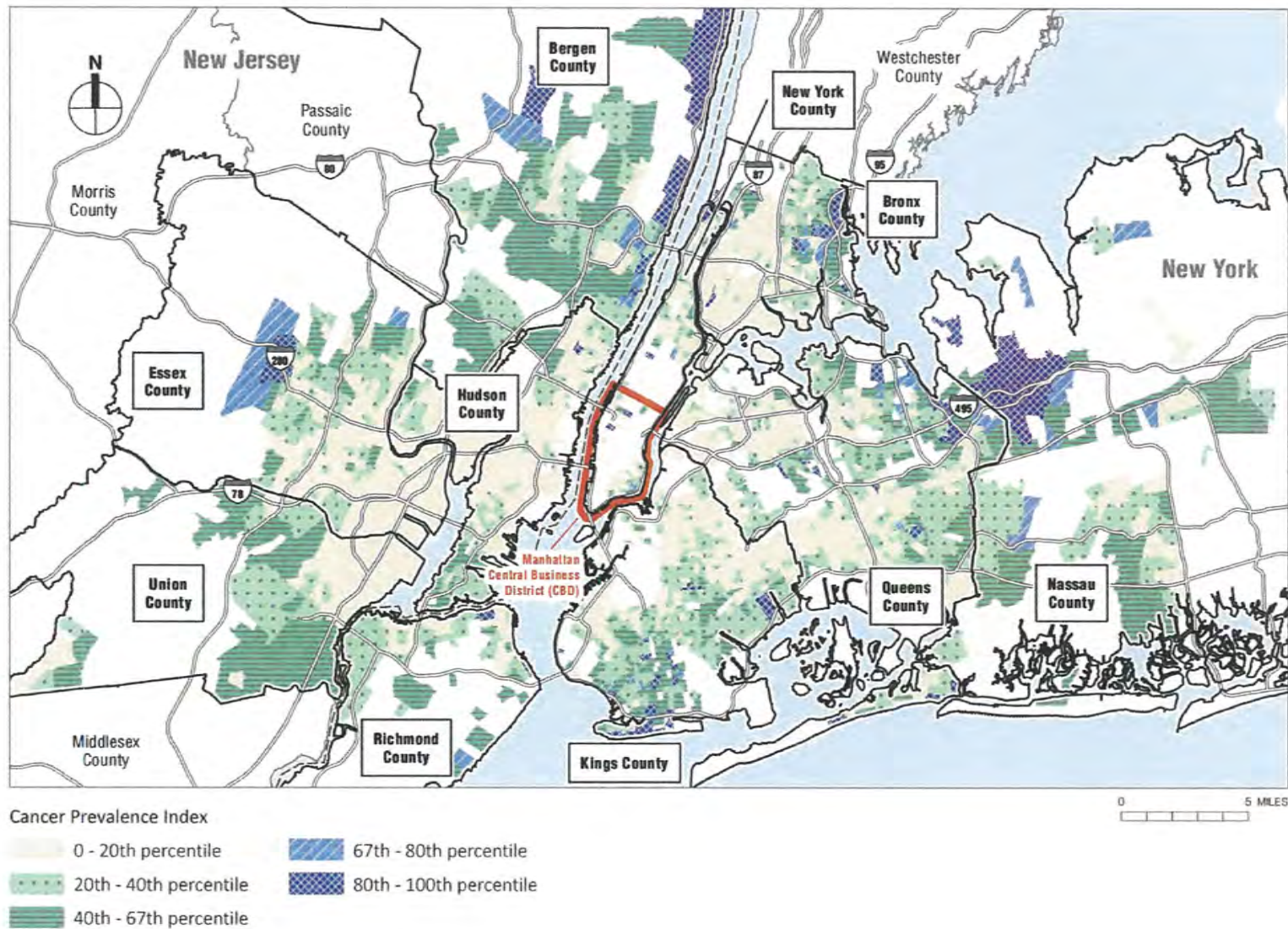
Figure B-5. Asthma Prevalence Among Adults in Environmental Justice Designated Census Tracts, National Percentiles



Source: CDC EJI 2022 data.



Figure B-6. Cancer Prevalence Among Adults in Environmental Justice Designated Census Tracts, National Percentiles



Source: CDC EJI 2022 data.

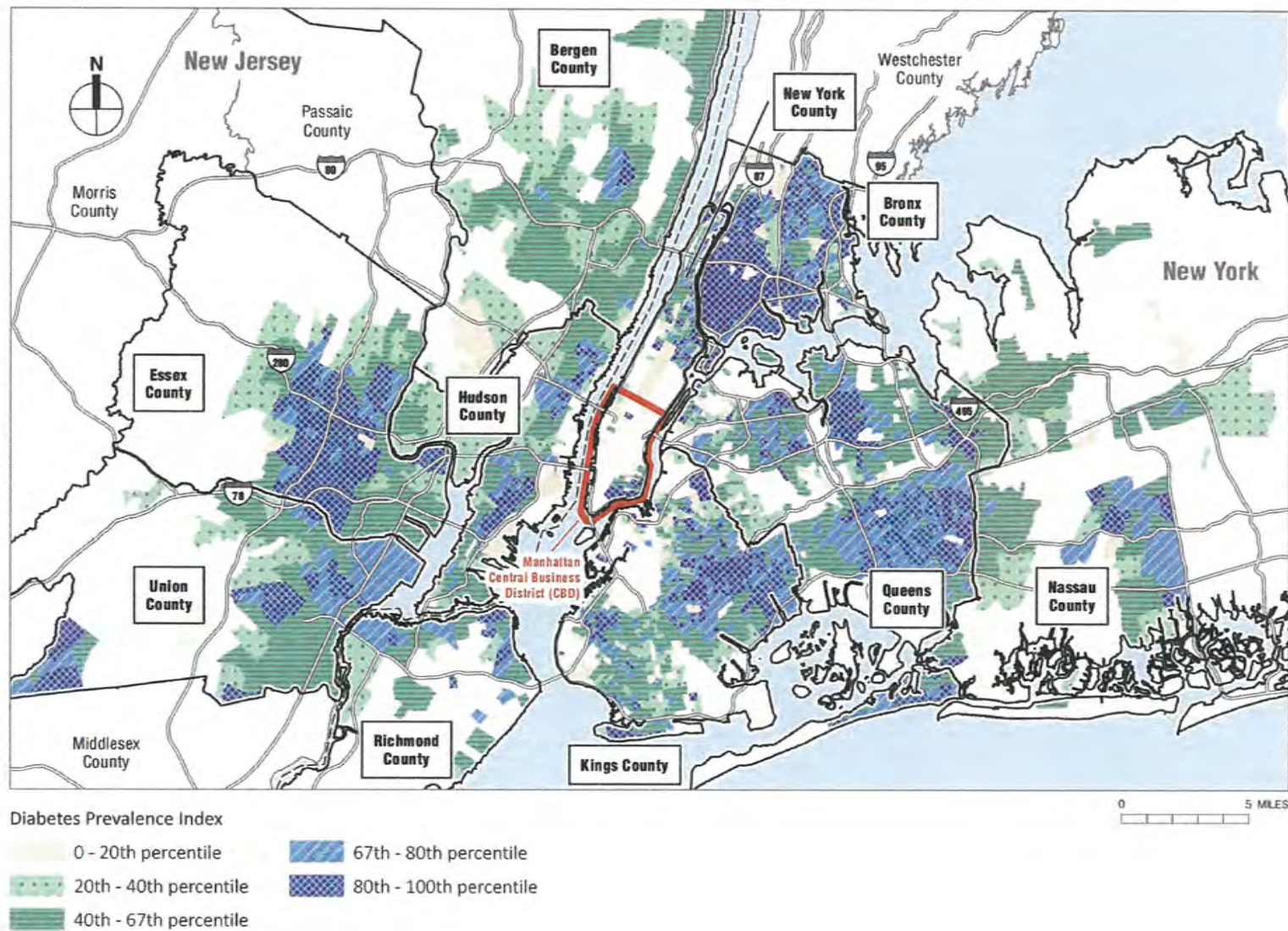


Graphic Source: CDC EJI 2022 data. Mapping by Virginia Environmental Justice Center

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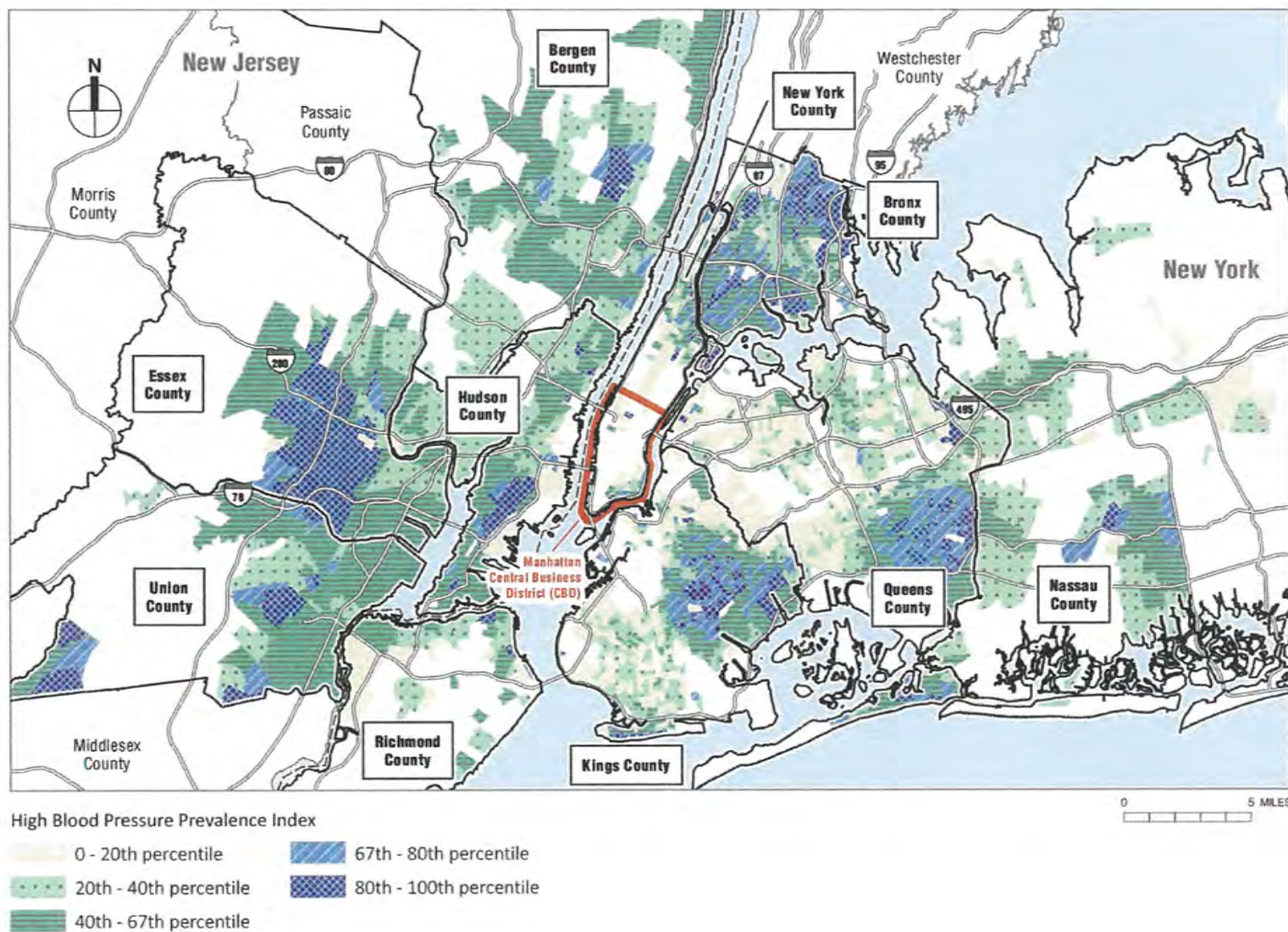
Figure B-7. Diabetes Prevalence Among Adults in Environmental Justice Designated Census Tracts, National Percentiles



Source: CDC EJI 2022 data.



Figure B-8. High Blood Pressure Prevalence among Adults in Environmental Justice Designated Census Tracts, National Percentiles



Source: CDC EJI 2022 data.

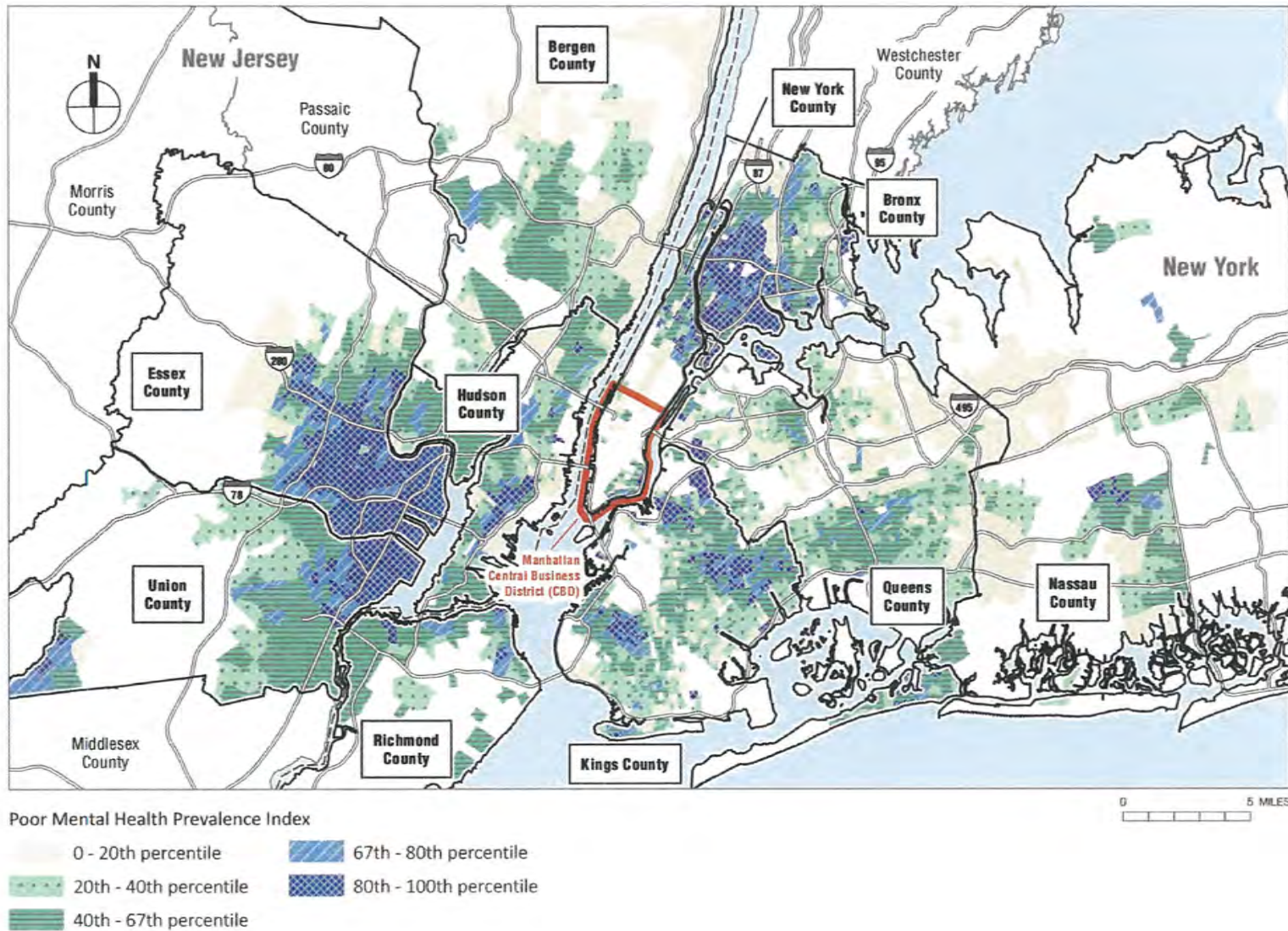


Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix B)

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Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix B)

Figure B-9. Poor Mental Health Prevalence Among Adults in Environmental Justice Designated Census Tracts, National Percentiles



## Appendix C: Pre-Existing Tract-Level Traffic Proximity, Air Pollutant, and Chronic Disease Burdens

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34003002100	New Jersey	Bergen	Alpine Borough	21	1,547	733	47.38	1,547	186	12.02	Yes	300 (52)	30 (83)	0.4 (81)	0.56 (91)	8.87 (57)	1	7.7 (4)	8 (80)	10.7 (50)	33.3 (58)	9.1 (4)	0	
34003003100	New Jersey	Bergen	Bergenfield Borough	31	5,545	3,583	64.62	5,545	671	12.1	Yes	210 (43)	30 (83)	0.4 (81)	0.651 (94)	9.03 (62)	1	7.8 (5)	6.2 (39)	9.6 (36)	29.8 (37)	10.3 (11)	0	
34003003200	New Jersey	Bergen	Bergenfield Borough	32	4,978	3,656	73.44	4,978	1,014	20.37	Yes	880 (80)	30 (83)	0.4 (81)	0.682 (95)	9.05 (62)	1	7.7 (4)	5.6 (27)	10.3 (45)	30.2 (40)	10.9 (16)	0	
34003003300	New Jersey	Bergen	Bergenfield Borough	33	6,601	4,551	68.94	6,601	697	10.56	Yes	430 (63)	30 (83)	0.4 (81)	0.666 (94)	9.04 (62)	1	7.9 (6)	6 (35)	9.6 (36)	28.6 (30)	10.8 (15)	0	
34003003500	New Jersey	Bergen	Bergenfield Borough	35	3,888	3,194	82.15	3,888	1,183	30.43	Yes	440 (63)	30 (83)	0.4 (81)	0.717 (95)	9.1 (63)	1	8.4 (14)	6 (35)	11.3 (57)	31.3 (46)	12 (27)	0	
34003004001	New Jersey	Bergen	Bogota Borough	40.01	3,212	2,126	66.19	3,203	535	16.7	Yes	600 (71)	30 (83)	0.5 (95)	0.96 (97)	9.2 (67)	2	9.1 (31)	6.1 (37)	10.4 (46)	30.2 (40)	13.5 (44)	0	
34003004002	New Jersey	Bergen	Bogota Borough	40.02	5,148	3,196	62.08	5,148	975	18.94	Yes	2,300 (93)	30 (83)	0.5 (95)	0.976 (97)	9.22 (67)	2	8.6 (18)	5.9 (33)	9.8 (38)	30.3 (40)	12.3 (30)	0	
34003006100	New Jersey	Bergen	Cliffside Park Borough	61	6,982	3,496	50.07	6,948	1,806	25.99	Yes	410 (61)	30 (83)	0.5 (95)	1.067 (97)	9.34 (71)	2	8.9 (26)	6.6 (47)	10.5 (47)	31.2 (46)	13.1 (40)	0	
34003006201	New Jersey	Bergen	Cliffside Park Borough	62.01	4,335	2,119	48.88	4,335	1,145	26.41	Yes	370 (58)	30 (83)	0.5 (95)	1.077 (98)	9.33 (70)	2	9 (28)	7.6 (71)	13 (74)	34.9 (67)	13.2 (41)	0	
34003006202	New Jersey	Bergen	Cliffside Park Borough	62.02	5,060	2,332	46.09	5,060	898	17.75	Yes	480 (65)	30 (83)	0.5 (95)	1.073 (98)	9.33 (70)	2	7.6 (3)	8.9 (92)	10.2 (43)	34.2 (63)	9 (3)	1	
34003006300	New Jersey	Bergen	Cliffside Park Borough	63	8,749	5,736	65.56	8,749	2,620	29.95	Yes	610 (71)	30 (83)	0.5 (95)	1.116 (98)	9.33 (70)	2	8.6 (18)	5.2 (21)	8.8 (25)	26.8 (21)	13.1 (40)	0	
34003007001	New Jersey	Bergen	Closter Borough	70.01	3,946	2,091	52.99	3,892	544	13.98	Yes	810 (78)	30 (83)	0.4 (81)	0.514 (88)	8.82 (56)	0	8.1 (9)	7 (56)	9.9 (40)	31.8 (49)	10.6 (13)	0	
34003007002	New Jersey	Bergen	Closter Borough	70.02	4,619	2,140	46.33	4,619	226	4.89	Yes	330 (55)	30 (83)	0.4 (81)	0.527 (89)	8.84 (56)	0	7.3 (2)	6.6 (47)	8.4 (21)	28.1 (27)	8.7 (2)	0	
34003010200	New Jersey	Bergen	Dumont Borough	102	4,466	2,240	50.16	4,457	538	12.07	Yes	600 (71)	30 (83)	0.4 (81)	0.634 (94)	8.98 (60)	1	8.7 (21)	6.8 (52)	9.3 (32)	30.3 (40)	12.2 (29)	0	
34003011100	New Jersey	Bergen	Elmwood Park Borough	111	4,410	2,725	61.79	4,386	968	22.07	Yes	1,000 (83)	30 (83)	0.4 (81)	0.747 (96)	8.86 (57)	1	8.7 (21)	7.2 (61)	10.6 (49)	32.7 (55)	12.3 (30)	0	
34003011200	New Jersey	Bergen	Elmwood Park Borough	112	4,830	2,656	54.99	4,830	1,263	26.15	Yes	1,200 (86)	30 (83)	0.4 (81)	0.756 (96)	8.87 (57)	1	8.9 (26)	6.4 (43)	9.5 (34)	29.7 (37)	13.1 (40)	0	
34003012001	New Jersey	Bergen	East Rutherford Borough	120.01	6,333	3,361	53.07	6,333	1,832	28.93	Yes	1,000 (83)	30 (83)	0.5 (95)	1.061 (97)	9.24 (68)	2	9 (28)	6.1 (37)	9.8 (38)	28.8 (31)	13.5 (44)	0	
34003013001	New Jersey	Bergen	Edgewater Borough	130.01	6,924	4,561	65.87	6,924	822	11.87	Yes	1,100 (84)	40 (97)	0.5 (95)	1.122 (98)	9.33 (70)	3	6.8 (0)	5.2 (21)	6.9 (8)	22.8 (7)	8.8 (3)	0	
34003013002	New Jersey	Bergen	Edgewater Borough	130.02	5,479	2,780	50.74	5,474	734	13.41	Yes	1,400 (87)	30 (83)	0.5 (95)	1.08 (98)	9.32 (70)	2	7.7 (4)	5.7 (29)	7.6 (13)	25.6 (15)	10 (9)	0	
34003015200	New Jersey	Bergen	Englewood	152	6,753	5,578	82.6	6,645	1,555	23.4	Yes	340 (56)	30 (83)	0.4 (81)	0.74 (95)	9.14 (65)	1	9.4 (40)	6.4 (43)	11.8 (63)	35 (68)	12 (27)	0	
34003015300	New Jersey	Bergen	Englewood	153	5,659	5,386	95.18	5,640	1,670	29.61	Yes	650 (73)	30 (83)	0.4 (81)	0.78 (96)	9.19 (66)	1	10.8 (76)	5.6 (27)	14.7 (85)	39.2 (84)	14.4 (55)	0	

## Central Business District (CBD) Tolling Program Environmental Assessment

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## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [ug/m3 (Percentile)]	Particulate Matter 2.5 [ug/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34003015400	New Jersey	Bergen	Englewood	154	7,180	4,852	67.58	7,180	1,900	26.46	Yes	1,800 (91)	30 (83)	0.5 (95)	0.812 (96)	9.22 (67)	2	8.8 (23)	4.8 (15)	10.9 (52)	29.1 (33)	12.7 (35)	0	
34003016000	New Jersey	Bergen	Englewood Cliffs Borough	160	5,371	3,017	56.17	5,371	570	10.61	Yes	740 (76)	30 (83)	0.5 (95)	0.894 (97)	9.22 (67)	2	7 (1)	8.3 (85)	10.1 (42)	32.7 (55)	8 (1)	0	
34003018100	New Jersey	Bergen	Fairview Borough	181	7,693	5,735	74.55	7,692	1,700	22.1	Yes	680 (74)	30 (83)	0.5 (95)	1.104 (98)	9.34 (70)	2	9.2 (34)	5.2 (21)	10.3 (45)	28.8 (31)	15.3 (65)	0	
34003018200	New Jersey	Bergen	Fairview Borough	182	6,565	4,483	68.29	6,565	2,503	38.13	Yes	1,300 (87)	40 (97)	0.5 (95)	1.108 (98)	9.34 (70)	3	8.7 (21)	5.5 (26)	9.9 (40)	28.5 (30)	13.6 (46)	0	
34003019102	New Jersey	Bergen	Fort Lee Borough	191.02	3,150	2,036	64.63	3,150	656	20.83	Yes	4,000 (97)	40 (97)	0.5 (95)	1.102 (98)	9.32 (70)	3	7.2 (1)	6.5 (45)	9.1 (29)	28.3 (29)	9.1 (4)	0	
34003019103	New Jersey	Bergen	Fort Lee Borough	191.03	4,519	3,162	69.97	4,519	872	19.3	Yes	6,700 (99)	40 (97)	0.5 (95)	1.089 (98)	9.31 (70)	3	7.1 (1)	5.7 (29)	9.1 (29)	28 (27)	9.2 (4)	0	
34003019104	New Jersey	Bergen	Fort Lee Borough	191.04	4,053	2,443	60.28	4,053	992	24.48	Yes	6,300 (98)	40 (97)	0.5 (95)	1.097 (98)	9.32 (70)	3	7.3 (2)	6.2 (39)	10.5 (47)	29.8 (37)	9.9 (8)	0	
34003019202	New Jersey	Bergen	Fort Lee Borough	192.02	2,245	1,562	69.58	2,245	527	23.47	Yes	3,600 (96)	40 (97)	0.5 (95)	1.113 (98)	9.34 (70)	3	7.4 (2)	5.6 (27)	10 (41)	27.9 (26)	10 (9)	0	
34003019203	New Jersey	Bergen	Fort Lee Borough	192.03	3,159	1,692	53.56	3,159	787	24.91	Yes	15,100 (99)	40 (97)	0.5 (95)	1.099 (98)	9.33 (70)	3	7.9 (6)	10.5 (98)	13.5 (77)	40.1 (86)	9.5 (6)	1	
34003019204	New Jersey	Bergen	Fort Lee Borough	192.04	3,527	2,217	62.86	3,527	1,206	34.19	Yes	3,000 (95)	40 (97)	0.5 (95)	1.101 (98)	9.33 (70)	3	7.5 (3)	7.9 (78)	11.9 (64)	33.8 (61)	9.7 (7)	0	
34003019303	New Jersey	Bergen	Palisades Park Borough	193.03	5,558	3,599	64.75	5,558	1,028	18.5	Yes	1,300 (86)	40 (97)	0.5 (95)	1.091 (98)	9.33 (70)	3	7.4 (2)	5.8 (31)	10 (41)	28.2 (28)	10.3 (11)	0	
34003019304	New Jersey	Bergen	Fort Lee Borough	193.04	2,652	1,552	58.52	2,652	511	19.27	Yes	960 (81)	40 (97)	0.5 (95)	1.063 (97)	9.34 (70)	3	7.9 (6)	7 (56)	10.7 (50)	32.1 (51)	10.8 (15)	0	
34003019305	New Jersey	Bergen	Fort Lee Borough	193.05	6,534	2,986	45.7	6,534	732	11.2	Yes	1,500 (88)	40 (97)	0.5 (95)	1.087 (98)	9.34 (70)	3	7.5 (3)	9.9 (97)	11.2 (56)	36.5 (75)	8.4 (1)	1	
34003019306	New Jersey	Bergen	Fort Lee Borough	193.06	2,033	931	45.79	2,033	192	9.44	Yes	890 (80)	40 (97)	0.5 (95)	1.063 (97)	9.33 (70)	3	7.6 (3)	7.7 (73)	10.1 (42)	31 (45)	9.2 (4)	0	
34003021100	New Jersey	Bergen	Garfield	211	6,589	1,918	29.11	6,544	2,105	32.17	Yes	900 (80)	30 (83)	0.5 (95)	0.852 (97)	9 (61)	2	9.6 (46)	6.2 (39)	9.7 (37)	30.6 (42)	15.3 (65)	0	
34003021200	New Jersey	Bergen	Garfield	212	5,743	2,326	40.5	5,743	1,606	27.96	Yes	1,100 (84)	30 (83)	0.4 (81)	0.838 (96)	8.98 (60)	1	9.6 (46)	6 (35)	9.2 (31)	29.6 (36)	15 (62)	0	
34003021300	New Jersey	Bergen	Garfield	213	4,600	1,748	38	4,600	1,424	30.96	Yes	540 (68)	30 (83)	0.5 (95)	0.858 (97)	9.02 (61)	2	9.6 (46)	5.9 (33)	9.7 (37)	30.1 (39)	15.1 (63)	0	
34003021400	New Jersey	Bergen	Garfield	214	4,932	2,293	46.49	4,879	1,598	32.75	Yes	340 (56)	30 (83)	0.5 (95)	0.868 (97)	9.04 (62)	2	9.9 (54)	6.7 (49)	11 (54)	32.7 (55)	15.6 (68)	0	
34003021500	New Jersey	Bergen	Garfield	215	5,300	3,458	65.25	5,295	2,239	42.29	Yes	670 (74)	30 (83)	0.5 (95)	0.815 (96)	9.07 (62)	2	10 (57)	5.8 (31)	11.3 (57)	32.1 (51)	16.4 (75)	0	
34003021600	New Jersey	Bergen	Garfield	216	4,481	3,052	68.11	4,481	1,737	38.76	Yes	1,100 (84)	30 (83)	0.5 (95)	0.796 (96)	9.05 (62)	2	9.6 (46)	5 (18)	9.9 (40)	30.1 (39)	15.7 (69)	0	
34003023100	New Jersey	Bergen	Hackensack	231	3,453	2,699	78.16	3,453	1,476	42.75	Yes	1,600 (89)	30 (83)	0.5 (95)	0.886 (97)	9.13 (64)	2	8.8 (23)	4.1 (7)	9.9 (40)	29.6 (36)	13.9 (49)	0	
34003023200	New Jersey	Bergen	Hackensack	232	6,489	4,792	73.85	6,489	1,304	20.1	Yes	1,500 (88)	30 (83)	0.5 (95)	0.872 (97)	9.09 (63)	2	8.7 (21)	5.6 (27)	9.7 (37)	31.1 (45)	11.9 (26)	0	
34003023301	New Jersey	Bergen	Hackensack	233.01	2,750	1,514	55.05	2,750	464	16.87	Yes	1,100 (84)	30 (83)	0.5 (95)	0.868 (97)	9.07 (62)	2	8.9 (26)	6.9 (54)	9.4 (33)	31.8 (49)	11.6 (23)	0	



3400302302	New Jersey	Bergen	Hackensack	233.02	5,267	2,969	56.37	5,267	883	16.76	Yes	850 (79)	30 (83)	0.5 (95)	0.904 (97)	9.1 (63)	2	8.4 (14)	6.8 (52)	8.6 (23)	30.5 (42)	10.7 (14)	0
34003023401	New Jersey	Bergen	Hackensack	234.01	3,796	2,921	76.95	3,796	1,101	29	Yes	1,100 (84)	30 (83)	0.5 (95)	0.918 (97)	9.11 (64)	2	8.1 (9)	5.9 (33)	9.2 (31)	28.5 (30)	10.8 (15)	0
34003023402	New Jersey	Bergen	Hackensack	234.02	5,899	4,598	77.95	5,760	1,526	26.49	Yes	6,000 (98)	30 (83)	0.5 (95)	0.926 (97)	9.14 (65)	2	9.1 (31)	5.8 (31)	11.1 (55)	32.6 (54)	12.8 (36)	0
34003023501	New Jersey	Bergen	Hackensack	235.01	3,710	3,278	88.36	3,496	1,094	31.29	Yes	920 (80)	30 (83)	0.5 (95)	0.915 (97)	9.14 (65)	2	10.2 (62)	5.2 (21)	11.9 (64)	36.3 (74)	13.8 (48)	0
34003023502	New Jersey	Bergen	Hackensack	235.02	5,222	4,292	82.19	5,222	1,834	35.12	Yes	620 (72)	30 (83)	0.5 (95)	0.924 (97)	9.15 (65)	2	10.1 (60)	6.5 (45)	13.5 (77)	34.9 (67)	14.9 (61)	0
34003023601	New Jersey	Bergen	Hackensack	236.01	2,868	2,042	71.2	2,868	774	26.99	Yes	5,900 (98)	30 (83)	0.5 (95)	0.984 (97)	9.22 (67)	2	9.2 (34)	5.3 (22)	10.8 (51)	30.9 (44)	13.8 (48)	0
34003023602	New Jersey	Bergen	Hackensack	236.02	4,885	4,206	86.1	4,270	1,930	45.2	Yes	710 (75)	30 (83)	0.5 (95)	0.947 (97)	9.18 (66)	2	9.1 (31)	4.3 (9)	11.6 (61)	30.1 (39)	15.4 (66)	0
34003025100	New Jersey	Bergen	Hasbrouck Heights Borough	251	6,590	3,277	49.73	6,551	1,704	26.01	Yes	3,700 (96)	30 (83)	0.5 (95)	0.947 (97)	9.17 (66)	2	8.7 (21)	6.9 (54)	9.6 (36)	30 (39)	12.4 (32)	0
34003028001	New Jersey	Bergen	Leonora Borough	280.01	5,249	3,357	63.96	5,239	913	17.43	Yes	3,300 (96)	40 (97)	0.5 (95)	1.067 (97)	9.29 (69)	3	7.4 (2)	6 (35)	9.6 (36)	28.9 (32)	9.7 (7)	0
34003028002	New Jersey	Bergen	Leonora Borough	280.02	3,837	2,272	59.21	3,813	553	14.5	Yes	3,200 (96)	40 (97)	0.5 (95)	1.087 (98)	9.32 (70)	3	7.8 (5)	7.5 (69)	10.8 (51)	32 (51)	10 (9)	0
34003029100	New Jersey	Bergen	Little Ferry Borough	291	4,415	2,883	65.3	4,415	1,323	29.97	Yes	1,900 (91)	40 (97)	0.5 (95)	1.076 (98)	9.26 (68)	3	8.2 (10)	5.3 (22)	10.5 (47)	28.8 (31)	12.1 (28)	0
34003029200	New Jersey	Bergen	Little Ferry Borough	292	6,367	3,142	49.35	6,367	1,877	29.48	Yes	640 (72)	40 (97)	0.5 (95)	1.13 (98)	9.28 (69)	3	8.9 (26)	6.6 (47)	10.5 (47)	31.2 (46)	13.1 (40)	0
34003030100	New Jersey	Bergen	Lodi Borough	301	5,686	3,148	55.36	5,686	1,239	21.79	Yes	3,300 (96)	30 (83)	0.5 (95)	0.912 (97)	9.1 (63)	2	9.3 (37)	6.4 (43)	10.5 (47)	32.3 (52)	13.9 (49)	0
34003030200	New Jersey	Bergen	Lodi Borough	302	7,424	3,988	53.72	7,395	2,375	32.12	Yes	1,300 (86)	30 (83)	0.5 (95)	0.887 (97)	9.07 (62)	2	9.7 (49)	6.1 (37)	10.5 (47)	31.6 (48)	15.2 (64)	0
34003030300	New Jersey	Bergen	Lodi Borough	303	4,443	2,520	56.72	4,365	1,578	36.15	Yes	1,400 (88)	30 (83)	0.5 (95)	0.907 (97)	9.09 (63)	2	9.5 (43)	6.4 (43)	10.7 (50)	31.2 (46)	14.4 (55)	0
34003030400	New Jersey	Bergen	Hasbrouck Heights Borough	304	6,877	3,943	57.34	6,654	1,361	20.45	Yes	360 (58)	30 (83)	0.5 (95)	0.919 (97)	9.12 (64)	2	9 (28)	6.3 (41)	9.2 (31)	29.9 (38)	13 (39)	0
34003031100	New Jersey	Bergen	Lyndhurst Township	311	6,413	3,240	50.52	6,413	1,331	20.75	Yes	3,500 (96)	30 (83)	0.5 (95)	0.95 (97)	9.2 (67)	2	8.6 (18)	6.4 (43)	8.2 (18)	28 (27)	12.4 (32)	0
34003032104	New Jersey	Bergen	Mahwah Township	321.04	4,247	1,851	43.58	2,084	511	24.52	Yes	790 (77)	30 (83)	0.3 (47)	0.3 (62)	7.92 (31)	0	10.5 (70)	2.7 (1)	3.7 (1)	15.1 (1)	17.1 (80)	0
34003033100	New Jersey	Bergen	Maywood Borough	331	3,879	1,725	44.47	3,859	330	8.55	Yes	1,200 (85)	30 (83)	0.5 (95)	0.858 (97)	9.03 (62)	2	8.5 (16)	7.3 (64)	8.7 (24)	30.2 (40)	11.3 (20)	0
34003033300	New Jersey	Bergen	Maywood Borough	333	3,565	1,894	53.13	3,565	871	24.43	Yes	1,900 (91)	30 (83)	0.5 (95)	0.899 (97)	9.08 (63)	2	9 (28)	6.9 (54)	11.3 (57)	33.1 (57)	13 (39)	0
34003036100	New Jersey	Bergen	Teterboro Borough	361	2,677	1,521	56.82	2,677	712	26.6	Yes	2,500 (94)	30 (83)	0.5 (95)	0.985 (97)	9.2 (66)	2	9.3 (37)	6.8 (52)	11.2 (56)	33.4 (59)	14.3 (54)	0
34003036200	New Jersey	Bergen	Moonachie Borough	362	2,716	1,416	52.14	2,716	793	29.2	Yes	630 (72)	30 (83)	0.5 (95)	1.083 (98)	9.25 (68)	2	9 (28)	6.9 (54)	10.4 (46)	32.4 (53)	13.5 (44)	0
34003037202	New Jersey	Bergen	New Milford Borough	372.02	7,213	3,359	46.57	7,015	1,096	15.62	Yes	370 (59)	30 (83)	0.4 (81)	0.754 (96)	9.04 (62)	1	8.1 (9)	6.8 (52)	9.1 (29)	29.5 (36)	11 (17)	0
34003038200	New Jersey	Bergen	North Arlington Borough	382	4,248	2,227	52.42	4,248	1,133	26.67	Yes	1,400 (87)	30 (83)	0.5 (95)	0.771 (96)	9.11 (64)	2	8.7 (21)	6.4 (43)	9.3 (32)	29.2 (34)	13 (39)	0
34003041100	New Jersey	Bergen	Palisades Park Borough	411	5,915	4,973	84.07	5,915	2,161	36.53	Yes	1,000 (83)	40 (97)	0.5 (95)	1.086 (98)	9.31 (70)	3	7.1 (1)	4.3 (9)	11.5 (59)	27.1 (22)	11.3 (20)	0
34003041200	New Jersey	Bergen	Palisades Park Borough	412	4,798	3,829	79.8	4,798	1,107	23.07	Yes	2,100 (92)	40 (97)	0.5 (95)	1.091 (98)	9.33 (70)	3	6.5 (0)	4.5 (11)	9.9 (40)	26.3 (18)	9.4 (5)	0
34003041301	New Jersey	Bergen	Palisades Park Borough	413.01	5,805	4,826	83.14	5,765	1,974	34.24	Yes	4,400 (97)	40 (97)	0.5 (95)	1.075 (98)	9.34 (70)	3	7.1 (1)	4.3 (9)	9.8 (38)	26.1 (18)	11 (17)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34003041302	New Jersey	Bergen	Palisades Park Borough	413.02	4,086	3,252	79.59	4,086	986	24.13	Yes	2,800 (95)	40 (97)	0.5 (95)	1.077 (98)	9.33 (70)	3	7 (1)	5 (18)	9.5 (34)	27.2 (23)	10 (9)	0	
34003042100	New Jersey	Bergen	Paramus Borough	421	7,413	3,372	45.49	7,337	540	7.36	Yes	760 (76)	30 (83)	0.4 (81)	0.705 (95)	8.91 (58)	1	8 (7)	8.1 (82)	9.3 (32)	31.7 (49)	10.1 (9)	0	
34003042500	New Jersey	Bergen	Paramus Borough	425	4,505	2,540	56.38	4,481	525	11.72	Yes	2,800 (95)	30 (83)	0.5 (95)	0.813 (96)	8.95 (59)	2	7.8 (5)	7.5 (69)	9.7 (37)	30.7 (43)	9.8 (7)	0	
34003045100	New Jersey	Bergen	Ridgefield Borough	451	8,437	4,913	58.23	8,437	2,228	26.41	Yes	1,000 (82)	40 (97)	0.5 (95)	1.081 (98)	9.33 (70)	3	8.2 (10)	6.5 (45)	10.6 (49)	31 (45)	11.9 (26)	0	
34003045200	New Jersey	Bergen	Ridgefield Borough	452	2,790	1,927	69.07	2,774	841	30.32	Yes	2,500 (94)	40 (97)	0.5 (95)	1.134 (98)	9.33 (70)	3	8.1 (9)	6.3 (41)	11.4 (58)	31.9 (50)	11.9 (26)	0	
34003046100	New Jersey	Bergen	Ridgefield Park Village	461	4,386	2,661	60.67	4,386	752	17.15	Yes	4,800 (98)	40 (97)	0.5 (95)	1.072 (98)	9.3 (69)	3	8.3 (12)	5.8 (31)	8.9 (27)	27.5 (24)	11.6 (23)	0	
34003046200	New Jersey	Bergen	Ridgefield Park Village	462	3,990	2,265	56.77	3,990	659	16.52	Yes	4,600 (97)	30 (83)	0.5 (95)	1.001 (97)	9.26 (68)	2	8.4 (14)	6.1 (37)	9.1 (29)	29.7 (37)	11.7 (24)	0	
34003046300	New Jersey	Bergen	Ridgefield Park Village	463	4,546	3,048	67.05	4,546	948	20.85	Yes	1,500 (88)	40 (97)	0.5 (95)	1.091 (98)	9.28 (69)	3	8.2 (10)	6.4 (43)	9.4 (33)	29.9 (38)	11.3 (20)	0	
34003048100	New Jersey	Bergen	River Edge Borough	481	3,832	1,927	50.29	3,832	643	16.78	Yes	1,600 (89)	30 (83)	0.4 (81)	0.756 (96)	9.02 (61)	1	7.9 (6)	6.3 (41)	8.8 (25)	28.1 (27)	10.7 (14)	0	
34003051300	New Jersey	Bergen	Rutherford Borough	513	4,575	2,409	52.66	4,575	822	17.97	Yes	550 (69)	30 (83)	0.5 (95)	0.906 (97)	9.16 (65)	2	8.2 (10)	6.1 (37)	8.5 (22)	28.1 (27)	11.3 (20)	0	
34003051400	New Jersey	Bergen	Rutherford Borough	514	5,031	2,208	43.89	5,031	515	10.24	Yes	3,600 (96)	30 (83)	0.5 (95)	0.974 (97)	9.2 (67)	2	8.1 (9)	6.6 (47)	7.7 (14)	27.3 (23)	10.4 (11)	0	
34003054100	New Jersey	Bergen	Teaneck Township	541	8,251	6,866	83.21	8,090	1,208	14.93	Yes	1,700 (90)	30 (83)	0.5 (95)	0.815 (96)	9.19 (66)	2	9.8 (52)	6.6 (47)	12.2 (67)	39.3 (84)	11.3 (20)	0	
34003054200	New Jersey	Bergen	Teaneck Township	542	4,789	3,555	74.23	4,689	1,533	32.69	Yes	2,100 (92)	30 (83)	0.5 (95)	0.783 (96)	9.17 (66)	2	9.9 (54)	6.5 (45)	12.1 (66)	36.1 (73)	13 (39)	0	
34003054400	New Jersey	Bergen	Teaneck Township	544	7,434	3,952	53.16	6,669	1,194	17.9	Yes	1,600 (89)	30 (83)	0.5 (95)	0.864 (97)	9.17 (66)	2	9 (28)	6 (35)	9 (28)	28.6 (30)	12 (27)	0	
34003054600	New Jersey	Bergen	Teaneck Township	546	8,481	5,202	61.34	8,416	897	10.66	Yes	2,300 (93)	30 (83)	0.5 (95)	0.977 (97)	9.25 (68)	2	8.2 (10)	7.1 (59)	10.3 (45)	32.9 (56)	10.2 (10)	0	
34003055200	New Jersey	Bergen	Tenafly Borough	552	7,907	3,849	48.68	7,907	891	11.27	Yes	410 (61)	30 (83)	0.4 (81)	0.678 (94)	9.07 (62)	1	7.4 (2)	7 (56)	8.5 (22)	28.6 (30)	8.5 (2)	0	
34003057200	New Jersey	Bergen	Wallington Borough	572	3,603	779	21.62	3,603	970	26.92	Yes	1,400 (87)	30 (83)	0.4 (81)	0.683 (95)	9.08 (63)	1	9.8 (52)	6.4 (43)	9 (28)	29.9 (38)	15.5 (67)	0	
34013000100	New Jersey	Essex	Newark	1	6,296	5,681	90.23	6,296	2,677	42.52	Yes	280 (51)	30 (83)	0.5 (95)	0.736 (95)	9.05 (62)	2	9.8 (52)	5.4 (24)	14.5 (84)	34.6 (66)	14.6 (57)	0	
34013000200	New Jersey	Essex	Newark	2	3,378	3,161	93.58	3,361	1,956	58.2	Yes	550 (69)	30 (83)	0.5 (95)	0.788 (96)	9.03 (62)	2	10.3 (65)	5.1 (19)	16.8 (92)	36.7 (75)	16.8 (78)	1	
34013000300	New Jersey	Essex	Newark	3	3,893	3,642	93.55	3,852	2,556	66.36	Yes	720 (75)	30 (83)	0.5 (95)	0.774 (96)	9.03 (62)	2	12 (90)	5.5 (26)	18.7 (96)	40.4 (87)	19.2 (91)	3	
34013000400	New Jersey	Essex	Newark	4	2,104	1,908	90.68	2,094	1,031	49.24	Yes	540 (68)	30 (83)	0.5 (95)	0.772 (96)	9.01 (61)	2	9.9 (54)	4.9 (16)	13.3 (76)	30.5 (42)	16.2 (73)	0	
34013000500	New Jersey	Essex	Newark	5	1,970	1,832	92.99	1,970	1,084	55.03	Yes	760 (76)	30 (83)	0.5 (95)	0.839 (96)	9.01 (61)	2	10.3 (65)	3.9 (5)	13.1 (74)	29.8 (37)	18 (86)	0	
34013000600	New Jersey	Essex	Newark	6	3,721	3,255	87.48	3,721	1,505	40.45	Yes	290 (52)	30 (83)	0.5 (95)	0.827 (96)	9 (61)	2	9.7 (49)	4 (6)	11.3 (57)	26.7 (20)	16 (71)	0	
34013000700	New Jersey	Essex	Newark	7	6,165	5,919	96.01	6,165	3,258	52.85	Yes	1,100 (83)	30 (83)	0.5 (95)	0.84 (96)	9 (61)	2	11.4 (85)	4.1 (7)	14.2 (82)	33.8 (61)	17.5 (83)	0	
34013000800	New Jersey	Essex	Newark	8	4,672	4,525	96.85	4,671	2,723	58.3	Yes	670 (74)	30 (83)	0.5 (95)	0.845 (97)	9.01 (61)	2	10.4 (67)	3.8 (5)	13.7 (79)	30 (39)	17.6 (84)	0	

34013000900	New Jersey	Essex	Newark	9	3,392	3,353	98.85	3,392	2,323	68.48	Yes	3,800 (97)	40 (97)	0.5 (95)	0.848 (97)	9.02 (61)	3	12.1 (91)	4 (6)	15.4 (88)	37 (77)	18.9 (90)	2
34013001000	New Jersey	Essex	Newark	10	3,503	3,248	92.72	2,760	1,680	60.87	Yes	3,900 (97)	40 (97)	0.5 (95)	0.844 (97)	9.03 (62)	3	12 (90)	5.1 (19)	20 (97)	43.6 (93)	18.6 (89)	3
34013001100	New Jersey	Essex	Newark	11	3,154	2,254	71.46	1,645	762	46.32	Yes	1,500 (88)	40 (97)	0.5 (95)	0.844 (96)	9.03 (61)	3	11 (79)	2 (1)	6.7 (7)	19.7 (3)	18.9 (90)	1
34013001300	New Jersey	Essex	Newark	13	1,629	1,393	85.51	1,574	686	43.58	Yes	500 (66)	40 (97)	0.5 (95)	0.848 (97)	9 (61)	3	12.4 (93)	4.1 (7)	13.6 (78)	37.8 (80)	17.8 (85)	1
34013001400	New Jersey	Essex	Newark	14	2,816	2,765	98.19	2,816	1,520	53.98	Yes	380 (59)	40 (97)	0.5 (95)	0.843 (96)	8.99 (61)	3	13.7 (97)	4.4 (10)	16.9 (92)	41.5 (89)	20.3 (95)	3
34013001500	New Jersey	Essex	Newark	15	1,942	1,884	97.01	1,913	1,554	81.23	Yes	1,400 (88)	40 (97)	0.5 (95)	0.85 (97)	9 (61)	3	15.1 (99)	4.1 (7)	17.7 (94)	41.8 (90)	23 (99)	4
34013001600	New Jersey	Essex	Newark	16	1,832	1,732	94.54	1,815	1,225	67.49	Yes	4,500 (97)	30 (83)	0.5 (95)	0.842 (96)	9 (61)	2	12.2 (92)	4.6 (12)	15.7 (89)	39.6 (85)	17.6 (84)	1
34013001700	New Jersey	Essex	Newark	17	2,156	2,156	100	2,156	1,360	63.08	Yes	2,100 (92)	30 (83)	0.5 (95)	0.831 (96)	8.99 (61)	2	13.6 (97)	4.8 (15)	16.7 (92)	43.4 (93)	19.2 (91)	4
34013001800	New Jersey	Essex	Newark	18	2,188	2,188	100	2,188	1,326	60.6	Yes	800 (77)	30 (83)	0.5 (95)	0.829 (96)	8.98 (60)	2	14 (98)	4.8 (15)	18.3 (95)	43 (92)	20 (94)	4
34013001900	New Jersey	Essex	Newark	19	1,955	1,914	97.9	1,955	1,346	68.85	Yes	7,900 (99)	30 (83)	0.5 (95)	0.815 (96)	8.96 (60)	2	15 (99)	4.4 (10)	18.2 (95)	42.3 (91)	22.4 (98)	4
34013002000	New Jersey	Essex	Newark	20	4,231	4,231	100	4,231	1,691	39.97	Yes	880 (79)	30 (83)	0.5 (95)	0.726 (95)	8.91 (58)	2	12.7 (94)	5.8 (31)	16.2 (90)	43.4 (93)	15.7 (69)	3
34013002100	New Jersey	Essex	Newark	21	3,185	3,101	97.36	3,185	1,226	38.49	Yes	950 (81)	30 (83)	0.5 (95)	0.716 (95)	8.9 (58)	2	12.2 (92)	5.3 (22)	15.1 (86)	41.4 (89)	15.5 (67)	1
34013002201	New Jersey	Essex	Newark	22.01	8,704	8,081	92.84	8,704	4,405	50.61	Yes	53 (18)	30 (83)	0.4 (81)	0.632 (94)	8.88 (57)	1	11.4 (85)	5.1 (19)	15.5 (88)	37.8 (80)	16.9 (79)	0
34013002202	New Jersey	Essex	Newark	22.02	3,385	3,375	99.7	3,382	1,647	48.7	Yes	440 (63)	30 (83)	0.4 (81)	0.673 (94)	8.9 (58)	1	12.4 (93)	5 (18)	14.1 (81)	39.3 (84)	15.8 (70)	1
34013002300	New Jersey	Essex	Newark	23	4,917	4,879	99.23	4,917	1,619	32.93	Yes	680 (74)	30 (83)	0.5 (95)	0.754 (96)	8.92 (58)	2	12.2 (92)	5 (18)	14.6 (84)	42.2 (91)	15.4 (66)	2
34013002400	New Jersey	Essex	Newark	24	2,979	2,822	94.73	2,979	1,273	42.73	Yes	610 (71)	30 (83)	0.5 (95)	0.789 (96)	8.93 (59)	2	13 (95)	4.6 (12)	15.2 (87)	41.1 (88)	17.4 (82)	1
34013002500	New Jersey	Essex	Newark	25	4,590	4,520	98.47	4,559	2,302	50.49	Yes	1,800 (91)	30 (83)	0.5 (95)	0.8 (96)	8.94 (59)	2	13.2 (96)	5.1 (19)	17.5 (94)	44.5 (94)	17.7 (84)	3
34013002600	New Jersey	Essex	Newark	26	1,564	1,564	100	1,483	834	56.24	Yes	1,100 (83)	30 (83)	0.5 (95)	0.824 (96)	8.97 (60)	2	13.1 (96)	4.3 (9)	16.7 (92)	42 (90)	19.5 (92)	4
34013002800	New Jersey	Essex	Newark	28	1,898	1,898	100	1,856	1,062	57.22	Yes	630 (72)	30 (83)	0.5 (95)	0.845 (97)	8.99 (61)	2	14 (98)	4 (6)	15.8 (89)	41.5 (89)	20.7 (96)	2
34013003100	New Jersey	Essex	Newark	31	2,092	2,089	99.86	2,066	1,364	66.02	Yes	780 (77)	40 (97)	0.5 (95)	0.87 (97)	9.01 (61)	3	14 (98)	4 (6)	14.3 (82)	38.1 (81)	19.5 (92)	2
34013003500	New Jersey	Essex	Newark	35	2,270	2,258	99.47	2,270	997	43.92	Yes	500 (66)	30 (83)	0.5 (95)	0.824 (96)	8.97 (60)	2	13.3 (96)	4.3 (9)	15.3 (87)	40.7 (88)	18.7 (89)	1
34013003700	New Jersey	Essex	Newark	37	1,874	1,806	96.37	1,874	943	50.32	Yes	490 (66)	30 (83)	0.5 (95)	0.836 (96)	8.98 (60)	2	13.2 (96)	4.6 (12)	15.6 (88)	41.1 (88)	18.1 (86)	1
34013003800	New Jersey	Essex	Newark	38	2,218	2,204	99.37	2,218	1,127	50.81	Yes	610 (71)	40 (97)	0.5 (95)	0.849 (97)	8.99 (61)	3	13.5 (97)	4.7 (14)	16 (90)	42.1 (90)	18.1 (86)	3
34013003900	New Jersey	Essex	Newark	39	1,296	1,296	100	1,296	896	69.14	Yes	280 (51)	40 (97)	0.5 (95)	0.864 (97)	9 (61)	3	15.3 (99)	6.9 (54)	25.8 (100)	53.1 (99)	21.4 (97)	4
34013004100	New Jersey	Essex	Newark	41	3,332	3,332	100	3,250	2,310	71.08	Yes	350 (57)	30 (83)	0.5 (95)	0.843 (96)	8.99 (61)	2	14.5 (99)	4.9 (16)	20.4 (97)	46.5 (96)	21.3 (97)	4
34013004200	New Jersey	Essex	Newark	42	2,214	2,180	98.46	2,212	1,318	59.58	Yes	430 (63)	30 (83)	0.5 (95)	0.824 (96)	8.98 (60)	2	12.9 (95)	5.2 (21)	16.7 (92)	44.9 (94)	17.3 (82)	3
34013004300	New Jersey	Essex	Newark	43	2,679	2,679	100	2,679	1,578	58.9	Yes	3,000 (95)	40 (97)	0.5 (95)	0.814 (96)	8.97 (60)	3	14.5 (99)	4.7 (14)	18.9 (96)	45 (94)	21.3 (97)	4
34013004400	New Jersey	Essex	Newark	44	1,313	1,298	98.86	1,313	745	56.74	Yes	5,000 (98)	30 (83)	0.5 (95)	0.816 (96)	8.97 (60)	2	13.2 (96)	4.9 (16)	16.5 (91)	43.7 (93)	17.9 (85)	3
34013004500	New Jersey	Essex	Newark	45	2,981	2,959	99.26	2,981	1,378	46.23	Yes	5,600 (98)	30 (83)	0.5 (95)	0.807 (96)	8.95 (60)	2	12.5 (93)	5.6 (27)	16.9 (92)	42.5 (91)	16 (71)	3
34013004600	New Jersey	Essex	Newark	46	2,977	2,953	99.19	2,977	1,584	53.21	Yes	980 (82)	40 (97)	0.5 (95)	0.816 (96)	8.96 (60)	3	12.9 (95)	5.1 (19)	16.1 (90)	43 (92)	16.7 (77)	3

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
34013004700	New Jersey	Essex	Newark	47	4,981	4,907	98.51	4,970	1,515	30.48	Yes	910 (80)	40 (97)	0.5 (95)	0.816 (96)	8.97 (60)	3	12 (90)	5.6 (27)	15.1 (86)	41.8 (90)	14.5 (56)	2
34013004801	New Jersey	Essex	Newark	48.01	2,279	2,263	99.3	2,279	1,186	52.04	Yes	9,300 (99)	40 (97)	0.5 (95)	0.854 (97)	8.99 (61)	3	13.6 (97)	4.5 (11)	16 (90)	41.5 (89)	18.8 (90)	3
34013004802	New Jersey	Essex	Newark	48.02	2,670	2,565	96.07	2,627	2,017	76.78	Yes	690 (74)	40 (97)	0.5 (95)	0.829 (96)	8.98 (60)	3	14.5 (99)	5.7 (29)	25.8 (100)	51 (99)	22.4 (98)	4
34013004900	New Jersey	Essex	Newark	49	3,276	3,252	99.27	3,276	1,692	51.65	Yes	1,400 (87)	40 (97)	0.5 (95)	0.832 (96)	8.99 (61)	3	12.8 (95)	5.6 (27)	17.1 (93)	43.7 (93)	16.5 (76)	3
34013005000	New Jersey	Essex	Newark	50	2,774	2,737	98.67	2,774	1,697	61.18	Yes	5,700 (98)	40 (97)	0.5 (95)	0.871 (97)	8.99 (61)	3	14.2 (98)	4 (6)	15.8 (89)	38.7 (82)	21 (96)	2
34013005100	New Jersey	Essex	Newark	51	2,171	2,158	99.4	2,171	1,101	50.71	Yes	6,500 (98)	40 (97)	0.5 (95)	0.84 (96)	8.98 (60)	3	13.5 (97)	5.6 (27)	18 (94)	44 (93)	17.8 (85)	3
34013005200	New Jersey	Essex	Newark	52	1,307	1,296	99.16	1,306	803	61.49	Yes	4,000 (97)	40 (97)	0.5 (95)	0.823 (96)	8.98 (60)	3	13.1 (96)	5.1 (19)	17.1 (93)	42.6 (91)	17.6 (84)	3
34013005300	New Jersey	Essex	Newark	53	2,290	2,224	97.12	2,273	1,189	52.31	Yes	3,200 (96)	40 (97)	0.5 (95)	0.834 (96)	8.98 (60)	3	13.6 (97)	4.8 (15)	17.6 (94)	44.7 (94)	19 (91)	4
34013005400	New Jersey	Essex	Newark	54	4,178	4,155	99.45	4,140	3,161	76.35	Yes	1,400 (87)	40 (97)	0.5 (95)	0.85 (97)	8.99 (61)	3	15.1 (99)	4.1 (7)	18.3 (95)	42.2 (91)	23.7 (99)	4
34013005700	New Jersey	Essex	Newark	57	2,225	1,838	82.61	2,225	988	44.4	Yes	2,400 (94)	40 (97)	0.6 (98)	0.935 (97)	9.01 (61)	3	11.1 (81)	3.5 (3)	11.2 (56)	30.2 (40)	18 (86)	0
34013006200	New Jersey	Essex	Newark	62	1,696	1,654	97.52	1,696	1,019	60.08	Yes	410 (61)	40 (97)	0.5 (95)	0.907 (97)	9.01 (61)	3	13.2 (96)	5.1 (19)	16.7 (92)	42.6 (91)	17.9 (85)	3
34013006400	New Jersey	Essex	Newark	64	1,154	1,079	93.5	1,154	278	24.09	Yes	1,600 (89)	40 (97)	0.5 (95)	0.855 (97)	9.02 (61)	3	10.5 (70)	5.5 (26)	12.4 (69)	37.9 (80)	11.3 (20)	0
34013006600	New Jersey	Essex	Newark	66	1,481	1,454	98.18	1,481	751	50.71	Yes	440 (63)	40 (97)	0.5 (95)	0.909 (97)	9.02 (61)	3	12.5 (93)	5.1 (19)	15.9 (89)	40.8 (88)	16.7 (77)	1
34013006700	New Jersey	Essex	Newark	67	3,955	3,819	96.56	3,804	2,199	57.81	Yes	2,200 (93)	40 (97)	0.6 (98)	0.94 (97)	9.03 (61)	3	11.7 (88)	5.6 (27)	20.4 (97)	43.6 (93)	18 (86)	2
34013006800	New Jersey	Essex	Newark	68	5,811	4,411	75.91	5,811	2,284	39.3	Yes	1,500 (88)	40 (97)	0.6 (98)	0.972 (97)	9.04 (62)	3	10.3 (65)	3.5 (3)	9.5 (34)	26.7 (20)	17.2 (81)	0
34013006900	New Jersey	Essex	Newark	69	4,908	3,302	67.28	4,908	2,175	44.32	Yes	440 (63)	40 (97)	0.6 (98)	0.987 (97)	9.06 (62)	3	10.3 (65)	4.5 (11)	9.9 (40)	27.8 (26)	17.3 (82)	0
34013007000	New Jersey	Essex	Newark	70	3,765	2,067	54.9	3,765	1,821	48.37	Yes	220 (45)	40 (97)	0.6 (98)	1.003 (97)	9.06 (62)	3	10.7 (74)	5.1 (19)	11.2 (56)	30.1 (39)	18.1 (86)	0
34013007100	New Jersey	Essex	Newark	71	4,428	2,212	49.95	4,360	1,697	38.92	Yes	1,100 (83)	40 (97)	0.6 (98)	1.04 (97)	9.08 (63)	3	10.8 (76)	5.1 (19)	9.9 (40)	27.2 (23)	18.3 (88)	0
34013007200	New Jersey	Essex	Newark	72	3,849	2,236	58.09	3,849	1,470	38.19	Yes	1,100 (84)	40 (97)	0.6 (98)	1.029 (97)	9.08 (63)	3	10.5 (70)	5.3 (22)	9.6 (36)	28.2 (28)	16.7 (77)	0
34013007300	New Jersey	Essex	Newark	73	5,438	2,626	48.29	5,425	2,150	39.63	Yes	1,200 (85)	40 (97)	0.6 (98)	1.006 (97)	9.09 (63)	3	11 (79)	4.8 (15)	10.7 (50)	29 (33)	18.8 (90)	1
34013007400	New Jersey	Essex	Newark	74	5,388	3,739	69.4	2,818	1,221	43.33	Yes	4,900 (98)	40 (97)	0.6 (98)	1.224 (98)	9.1 (64)	3	10.4 (67)	3.1 (2)	9.6 (36)	29.1 (33)	18.7 (89)	0
34013007500	New Jersey	Essex	Newark	75.01	4,665	3,408	73.05	4,653	3,515	75.54	Yes	1,100 (83)	40 (97)	0.5 (95)	1.053 (97)	9.12 (64)	3	11.9 (90)	4.2 (8)	14.9 (85)	32.4 (53)	21.7 (97)	2
34013007502	New Jersey	Essex	Newark	75.02	2,573	2,168	84.26	2,564	1,447	56.44	Yes	3,400 (96)	40 (97)	0.6 (98)	1.257 (98)	9.13 (64)	3	11.6 (87)	4.4 (10)	14.1 (81)	32.6 (54)	20.1 (94)	1
34013007600	New Jersey	Essex	Newark	76	3,508	2,489	70.95	3,489	1,701	48.75	Yes	1,400 (87)	40 (97)	0.5 (95)	0.956 (97)	9.09 (63)	3	10.8 (76)	4.3 (9)	10.1 (42)	28.2 (28)	18.6 (89)	0
34013007700	New Jersey	Essex	Newark	77	2,701	1,786	66.12	2,701	1,286	47.61	Yes	670 (73)	40 (97)	0.6 (98)	0.962 (97)	9.08 (63)	3	10.4 (67)	5.2 (21)	10.7 (50)	29.9 (38)	17.3 (82)	0

34013007800	New Jersey	Essex	Newark	78	3,600	2,307	64.08	3,600	1,920	53.33	Yes	730 (75)	40 (97)	0.6 (98)	0.965 (97)	9.06 (62)	3	10.9 (77)	4.5 (11)	12.2 (67)	29.2 (34)	19.8 (93)	1
34013007900	New Jersey	Essex	Newark	79	3,659	2,312	63.19	3,643	1,637	44.94	Yes	1,700 (90)	40 (97)	0.5 (95)	0.929 (97)	9.07 (63)	3	10.4 (67)	4.8 (15)	11.9 (64)	29.3 (34)	17.7 (84)	0
34013008000	New Jersey	Essex	Newark	80	2,356	1,793	76.1	2,356	1,336	56.71	Yes	3,100 (95)	40 (97)	0.5 (95)	0.907 (97)	9.05 (62)	3	10.2 (62)	3.7 (4)	11.3 (57)	30.2 (40)	15.9 (71)	0
34013008100	New Jersey	Essex	Newark	81	3,714	3,552	95.64	3,714	2,215	59.64	Yes	1,100 (84)	40 (97)	0.5 (95)	0.909 (97)	9.04 (62)	3	12.9 (95)	6.6 (47)	22 (98)	48.5 (97)	17.5 (83)	3
34013008200	New Jersey	Essex	Newark	82	2,289	2,130	93.05	1,964	1,510	76.88	Yes	1,400 (87)	40 (97)	0.5 (95)	0.851 (97)	9.02 (61)	3	13.3 (96)	4.7 (14)	17.7 (94)	40.9 (88)	19.1 (91)	3
34013008700	New Jersey	Essex	Newark	87	3,564	3,391	95.15	3,543	1,684	47.53	Yes	2,300 (93)	30 (83)	0.5 (95)	0.844 (97)	9.05 (62)	2	9.5 (43)	3.7 (4)	11.8 (63)	28.2 (28)	15.3 (65)	0
34013008800	New Jersey	Essex	Newark	88	1,852	1,845	99.62	1,832	1,002	54.69	Yes	2,500 (94)	30 (83)	0.5 (95)	0.844 (97)	9.05 (62)	2	10.2 (62)	3.4 (3)	13.3 (76)	29.5 (36)	17.7 (84)	0
34013008900	New Jersey	Essex	Newark	89	2,035	1,988	97.69	2,035	1,106	54.35	Yes	1,700 (90)	30 (83)	0.5 (95)	0.839 (96)	9.04 (62)	2	10.4 (67)	3.5 (3)	13.7 (79)	28.7 (31)	18.2 (87)	0
34013009000	New Jersey	Essex	Newark	90	1,787	1,672	93.56	1,704	868	50.94	Yes	4,600 (97)	40 (97)	0.5 (95)	0.842 (96)	9.03 (62)	3	11.2 (82)	5.4 (24)	14.8 (85)	38.2 (81)	14.8 (59)	0
34013009100	New Jersey	Essex	Newark	91	3,116	2,884	92.55	3,116	1,836	58.92	Yes	1,400 (87)	30 (83)	0.5 (95)	0.839 (96)	9.03 (62)	2	9.6 (46)	3.6 (3)	12.5 (69)	29.4 (35)	16.3 (74)	0
34013009200	New Jersey	Essex	Newark	92	3,062	2,767	90.37	2,574	1,497	58.16	Yes	1,900 (91)	30 (83)	0.5 (95)	0.842 (96)	9.06 (62)	2	12.1 (91)	5 (18)	18.4 (95)	38.9 (83)	19.4 (92)	3
34013009300	New Jersey	Essex	Newark	93	5,017	4,859	96.85	5,017	2,995	59.7	Yes	720 (75)	30 (83)	0.5 (95)	0.8 (96)	9.06 (62)	2	9.8 (52)	4 (6)	13.6 (78)	30.7 (43)	15.9 (71)	0
34013009400	New Jersey	Essex	Newark	94	5,973	5,084	85.12	5,973	2,798	46.84	Yes	550 (69)	30 (83)	0.5 (95)	0.803 (96)	9.05 (62)	2	9.8 (52)	5.5 (26)	14.5 (84)	35.3 (69)	14.4 (55)	0
34013009500	New Jersey	Essex	Newark	95	5,514	4,820	87.41	5,514	2,708	49.11	Yes	360 (57)	30 (83)	0.5 (95)	0.745 (96)	9.06 (62)	2	10.3 (65)	5.2 (21)	16.2 (90)	34.1 (63)	16.5 (76)	1
34013009600	New Jersey	Essex	Newark	96	5,443	5,162	94.84	5,443	3,415	62.74	Yes	2,900 (95)	30 (83)	0.5 (95)	0.754 (96)	9.07 (63)	2	10.8 (76)	3.7 (4)	13 (74)	31.6 (48)	17.3 (82)	0
34013009700	New Jersey	Essex	Newark	97	5,297	5,234	98.81	5,297	2,725	51.44	Yes	290 (52)	30 (83)	0.5 (95)	0.739 (95)	9.07 (62)	2	10.1 (60)	3.8 (5)	13.6 (78)	30.7 (43)	17.2 (81)	0
34013009900	New Jersey	Essex	East Orange	99	2,348	2,328	99.15	2,348	948	40.37	Yes	860 (79)	30 (83)	0.5 (95)	0.699 (95)	8.92 (58)	2	12 (90)	7.1 (59)	17.8 (94)	47 (96)	14.3 (54)	3
34013010000	New Jersey	Essex	East Orange	100	2,983	2,887	96.78	2,941	525	17.85	Yes	710 (75)	30 (83)	0.5 (95)	0.735 (95)	8.92 (59)	2	11.2 (82)	5.5 (26)	13.1 (74)	39.7 (85)	13 (39)	0
34013010100	New Jersey	Essex	East Orange	101	2,668	2,626	98.43	2,650	882	33.28	Yes	4,300 (97)	30 (83)	0.5 (95)	0.749 (96)	8.95 (59)	2	12.3 (92)	5.2 (21)	14.4 (83)	40.5 (87)	15.4 (66)	1
34013010200	New Jersey	Essex	East Orange	102	4,594	4,513	98.24	4,375	1,628	37.21	Yes	2,000 (92)	30 (83)	0.5 (95)	0.809 (96)	8.97 (60)	2	11.8 (89)	7.4 (66)	17.8 (94)	47.3 (97)	13.5 (44)	2
34013010300	New Jersey	Essex	East Orange	103	3,171	3,077	97.04	2,920	1,137	38.94	Yes	2,700 (95)	30 (83)	0.5 (95)	0.828 (96)	8.98 (60)	2	11.8 (89)	5.7 (29)	15.2 (87)	41.9 (90)	14.8 (59)	1
34013010400	New Jersey	Essex	East Orange	104	4,740	4,666	98.44	4,644	2,079	44.77	Yes	2,100 (92)	30 (83)	0.5 (95)	0.802 (96)	8.94 (59)	2	12.6 (94)	5.2 (21)	15.9 (89)	42.7 (91)	16.1 (72)	2
34013010500	New Jersey	Essex	East Orange	105	4,763	4,696	98.59	4,696	2,155	45.89	Yes	1,200 (85)	30 (83)	0.5 (95)	0.79 (96)	8.93 (59)	2	12.8 (95)	5.1 (19)	16.4 (91)	42.5 (91)	17.2 (81)	3
34013010600	New Jersey	Essex	East Orange	106	4,331	4,230	97.67	4,286	2,603	60.73	Yes	5,400 (98)	30 (83)	0.5 (95)	0.81 (96)	8.95 (59)	2	13.3 (96)	4.6 (12)	16.3 (91)	41.8 (90)	18.7 (89)	3
34013010700	New Jersey	Essex	East Orange	107	3,561	3,513	98.65	3,377	1,910	56.56	Yes	5,500 (98)	30 (83)	0.5 (95)	0.826 (96)	8.98 (60)	2	12.6 (94)	5.4 (24)	17.1 (93)	43.3 (92)	17.1 (80)	3
34013010800	New Jersey	Essex	East Orange	108	2,978	2,978	100	2,932	1,544	52.66	Yes	1,400 (87)	30 (83)	0.5 (95)	0.835 (96)	8.99 (61)	2	12.6 (94)	4.6 (12)	14.6 (84)	37.8 (80)	17.3 (82)	1
34013010900	New Jersey	Essex	East Orange	109	2,265	2,239	98.85	2,241	857	38.24	Yes	5,600 (98)	30 (83)	0.5 (95)	0.821 (96)	8.97 (60)	2	12.8 (95)	5.8 (31)	16.9 (92)	44.7 (94)	16.4 (75)	3
34013011100	New Jersey	Essex	East Orange	111	3,921	3,863	98.52	3,908	1,991	50.95	Yes	11,300 (99)	40 (97)	0.5 (95)	0.807 (96)	8.95 (60)	3	12.7 (94)	5.3 (22)	16.8 (92)	42.2 (91)	17.7 (84)	3
34013011200	New Jersey	Essex	East Orange	112	2,952	2,894	98.04	2,952	1,638	55.49	Yes	3,500 (96)	30 (83)	0.5 (95)	0.797 (96)	8.94 (59)	2	13.1 (96)	4.8 (15)	16.7 (92)	42.3 (91)	18.4 (88)	3
34013011300	New Jersey	Essex	East Orange	113	4,124	4,090	99.18	4,117	1,485	36.07	Yes	3,800 (97)	30 (83)	0.5 (95)	0.775 (96)	8.92 (59)	2	12.8 (95)	4.2 (8)	12.8 (72)	37.2 (77)	16.9 (79)	1



## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34013011400	New Jersey	Essex	East Orange	114	4,369	4,111	94.09	4,244	1,040	24.51	Yes	770 (77)	30 (83)	0.5 (95)	0.716 (95)	8.9 (58)	2	11.4 (85)	6.5 (45)	14.8 (85)	42.8 (92)	13 (39)	1	
34013011500	New Jersey	Essex	East Orange	115	2,230	2,213	99.24	2,218	792	35.71	Yes	650 (73)	30 (83)	0.5 (95)	0.763 (96)	8.91 (58)	2	12.8 (95)	5.2 (21)	14.9 (85)	41.1 (88)	16.7 (77)	1	
34013011600	New Jersey	Essex	East Orange	116	3,213	3,173	98.76	3,193	1,758	55.06	Yes	1,000 (82)	30 (83)	0.5 (95)	0.792 (96)	8.93 (59)	2	13.4 (97)	4.9 (16)	16.2 (90)	42.4 (91)	17.7 (84)	3	
34013011700	New Jersey	Essex	East Orange	117	2,813	2,629	93.46	2,682	1,078	40.19	Yes	2,700 (95)	30 (83)	0.5 (95)	0.798 (96)	8.93 (59)	2	12.7 (94)	5.7 (29)	17.4 (93)	46 (95)	16.4 (75)	3	
34013011800	New Jersey	Essex	East Orange	118	2,350	2,314	98.47	2,332	753	32.29	Yes	690 (74)	30 (83)	0.5 (95)	0.786 (96)	8.93 (59)	2	12.2 (92)	5.2 (21)	13.7 (79)	40.3 (87)	14.6 (57)	1	
34013011900	New Jersey	Essex	Irvington Township	119	1,629	1,570	96.38	1,629	710	43.59	Yes	6,700 (99)	30 (83)	0.5 (95)	0.785 (96)	8.94 (59)	2	12.7 (94)	4.6 (12)	15.1 (86)	41 (88)	17.4 (82)	1	
34013012000	New Jersey	Essex	Irvington Township	120	6,126	6,029	98.42	5,944	2,386	40.14	Yes	3,000 (95)	30 (83)	0.4 (81)	0.69 (95)	8.88 (57)	1	12.4 (93)	5.1 (19)	14.9 (85)	41.2 (89)	16.2 (73)	1	
34013012100	New Jersey	Essex	Irvington Township	121	3,991	3,934	98.57	3,991	1,609	40.32	Yes	930 (81)	30 (83)	0.4 (81)	0.682 (95)	8.89 (58)	1	11.8 (89)	4 (6)	12.4 (69)	34.3 (64)	16.7 (77)	0	
34013012200	New Jersey	Essex	Irvington Township	122	5,326	5,069	95.17	5,326	2,395	44.97	Yes	1,100 (84)	30 (83)	0.4 (81)	0.692 (95)	8.9 (58)	1	12 (90)	4.4 (10)	13.8 (79)	37.7 (79)	16.6 (77)	1	
34013012300	New Jersey	Essex	Irvington Township	123	4,598	4,493	97.72	4,576	1,750	38.24	Yes	520 (68)	30 (83)	0.5 (95)	0.743 (96)	8.92 (58)	2	12 (90)	4.8 (15)	14.3 (82)	40.1 (86)	15.6 (68)	1	
34013012400	New Jersey	Essex	Irvington Township	124	4,424	4,244	95.93	4,424	2,392	54.07	Yes	6,000 (98)	30 (83)	0.5 (95)	0.755 (96)	8.91 (58)	2	12.7 (94)	5.7 (29)	18.8 (96)	45.9 (95)	17 (80)	3	
34013012500	New Jersey	Essex	Irvington Township	125	3,928	3,894	99.13	3,928	1,610	40.99	Yes	1,900 (91)	30 (83)	0.5 (95)	0.792 (96)	8.94 (59)	2	12.8 (95)	5.6 (27)	16.8 (92)	44.6 (94)	16.7 (77)	3	
34013012600	New Jersey	Essex	Irvington Township	126	3,064	3,027	98.79	3,043	1,473	48.41	Yes	6,400 (98)	40 (97)	0.5 (95)	0.804 (96)	8.95 (60)	3	12.7 (94)	4.7 (14)	14.5 (84)	42.3 (91)	17 (80)	2	
34013012700	New Jersey	Essex	Irvington Township	127	4,080	3,942	96.62	4,080	1,673	41	Yes	3,200 (96)	30 (83)	0.5 (95)	0.782 (96)	8.93 (59)	2	12.6 (94)	5.1 (19)	15.7 (89)	42.7 (91)	16.3 (74)	2	
34013012800	New Jersey	Essex	Irvington Township	128	3,464	3,341	96.45	3,464	1,272	36.72	Yes	5,400 (98)	30 (83)	0.5 (95)	0.789 (96)	8.94 (59)	2	12.1 (91)	4.8 (15)	14.6 (84)	40.4 (87)	15.6 (68)	1	
34013012900	New Jersey	Essex	Irvington Township	129	3,652	3,652	100	3,623	2,070	57.14	Yes	6,700 (99)	30 (83)	0.5 (95)	0.793 (96)	8.94 (59)	2	13.6 (97)	4.7 (14)	17.3 (93)	45.9 (95)	19 (91)	4	
34013013000	New Jersey	Essex	Irvington Township	130	1,884	1,853	98.35	1,884	423	22.45	Yes	7,000 (99)	30 (83)	0.5 (95)	0.81 (96)	8.95 (59)	2	10.5 (70)	4.7 (14)	11.4 (58)	37.4 (78)	12.3 (30)	0	
34013013100	New Jersey	Essex	Irvington Township	131	2,185	2,180	99.77	2,185	1,213	55.51	Yes	1,900 (91)	30 (83)	0.5 (95)	0.81 (96)	8.96 (60)	2	13 (95)	4.8 (15)	16.4 (91)	42.5 (91)	17.9 (85)	3	
34013013200	New Jersey	Essex	Irvington Township	132	2,156	2,126	98.61	2,156	1,291	59.88	Yes	4,400 (97)	30 (83)	0.5 (95)	0.817 (96)	8.97 (60)	2	13.7 (97)	4.4 (10)	16.4 (91)	44.2 (94)	19.5 (92)	4	
34013013300	New Jersey	Essex	Irvington Township	133	3,572	3,558	99.61	3,572	1,995	55.85	Yes	5,600 (98)	40 (97)	0.5 (95)	0.82 (96)	8.96 (60)	3	13.6 (97)	5.4 (24)	19.1 (96)	44.6 (94)	18.9 (90)	4	
34013013700	New Jersey	Essex	Nutley Township	137	4,550	1,533	33.69	4,518	1,531	33.89	Yes	560 (69)	30 (83)	0.5 (95)	0.738 (95)	9.05 (62)	2	9.2 (34)	7.6 (71)	10.2 (43)	32.3 (52)	12.8 (36)	0	
34013014000	New Jersey	Essex	Belleville Township	140	3,817	1,966	51.51	3,817	345	9.04	Yes	360 (57)	30 (83)	0.5 (95)	0.747 (96)	9.02 (61)	2	8.2 (10)	6.8 (52)	9.6 (36)	30.2 (40)	10.8 (15)	0	
34013014100	New Jersey	Essex	Belleville Township	141	3,511	2,138	60.89	3,511	732	20.85	Yes	350 (57)	30 (83)	0.4 (81)	0.738 (95)	9.05 (62)	1	8.7 (21)	6.5 (45)	10.1 (42)	29.5 (36)	12.1 (28)	0	
34013014200	New Jersey	Essex	Belleville Township	142	4,094	2,944	71.91	4,094	221	5.4	Yes	48 (17)	30 (83)	0.4 (81)	0.728 (95)	9.07 (62)	1	8.4 (14)	6.6 (47)	9.3 (32)	29.4 (35)	11.2 (19)	0	
34013014300	New Jersey	Essex	Belleville Township	143	5,755	4,202	73.01	5,755	1,665	28.93	Yes	360 (58)	30 (83)	0.5 (95)	0.736 (95)	9.08 (63)	2	9.3 (37)	5.5 (26)	11.6 (61)	29.7 (37)	14.2 (53)	0	

34013014400	New Jersey	Essex	Belleville Township	144	3,488	2,699	77.38	3,488	1,234	35.38	Yes	2,300 (93)	30 (83)	0.5 (95)	0.742 (96)	9.1 (63)	2	9.1 (31)	4.6 (12)	10.4 (46)	27.6 (25)	13.8 (48)	0
34013014500	New Jersey	Essex	Belleville Township	145	4,221	3,349	79.34	4,221	1,598	37.86	Yes	690 (74)	30 (83)	0.5 (95)	0.726 (95)	9.06 (62)	2	9.3 (37)	4.8 (15)	10.6 (49)	28.3 (29)	14.3 (54)	0
34013014600	New Jersey	Essex	Belleville Township	146	4,903	3,815	77.81	4,903	1,563	31.88	Yes	190 (41)	30 (83)	0.4 (81)	0.722 (95)	9.07 (63)	1	8.8 (23)	5.2 (21)	9.8 (38)	28.1 (27)	12.5 (33)	0
34013014700	New Jersey	Essex	Belleville Township	147	6,392	4,563	71.39	6,372	1,886	29.6	Yes	320 (54)	30 (83)	0.5 (95)	0.762 (96)	9.02 (61)	2	9.2 (34)	5.7 (29)	11.6 (61)	30.7 (43)	13.8 (48)	0
34013015100	New Jersey	Essex	Bloomfield Township	151	4,542	2,460	54.16	4,495	542	12.06	Yes	2,300 (93)	30 (83)	0.4 (81)	0.702 (95)	8.99 (61)	1	9 (28)	6.4 (43)	9.3 (32)	30.2 (40)	11.8 (25)	0
34013015200	New Jersey	Essex	Bloomfield Township	152	4,370	2,669	61.08	4,370	1,262	28.88	Yes	3,300 (96)	30 (83)	0.4 (81)	0.729 (95)	8.98 (60)	1	9.2 (34)	6.4 (43)	9 (28)	28.8 (31)	12.6 (34)	0
34013015300	New Jersey	Essex	Bloomfield Township	153	2,569	1,694	65.94	2,569	332	12.92	Yes	3,100 (95)	30 (83)	0.5 (95)	0.744 (96)	9 (61)	2	9 (28)	5 (18)	8.8 (25)	27.6 (25)	11.9 (26)	0
34013015400	New Jersey	Essex	Bloomfield Township	154	5,195	2,791	53.72	4,735	1,300	27.46	Yes	2,500 (94)	30 (83)	0.5 (95)	0.732 (95)	8.96 (60)	2	9.9 (54)	5 (18)	8.9 (27)	27.6 (25)	14.4 (55)	0
34013015500	New Jersey	Essex	Bloomfield Township	155	4,417	2,630	59.54	4,417	417	9.44	Yes	1,900 (91)	30 (83)	0.5 (95)	0.753 (96)	8.99 (61)	2	8.9 (26)	5.8 (31)	8.9 (27)	28.6 (30)	11.9 (26)	0
34013015600	New Jersey	Essex	Bloomfield Township	156	4,440	2,947	66.37	4,440	803	18.09	Yes	2,600 (94)	30 (83)	0.5 (95)	0.73 (95)	8.95 (59)	2	9.3 (37)	6.5 (45)	9.5 (34)	30.6 (42)	11.8 (25)	0
34013015700	New Jersey	Essex	Bloomfield Township	157	2,596	2,025	78	2,539	1,071	42.18	Yes	8,200 (99)	30 (83)	0.5 (95)	0.747 (96)	8.97 (60)	2	10.2 (62)	5.5 (26)	12.3 (68)	32.2 (52)	14.5 (56)	0
34013015800	New Jersey	Essex	Bloomfield Township	158	4,164	2,943	70.68	4,164	1,053	25.29	Yes	1,300 (86)	30 (83)	0.5 (95)	0.756 (96)	8.99 (61)	2	9.2 (34)	5.2 (21)	9.8 (38)	28.9 (32)	12.9 (37)	0
34013015900	New Jersey	Essex	Bloomfield Township	159	5,660	4,852	85.72	5,628	2,042	36.28	Yes	430 (62)	30 (83)	0.5 (95)	0.769 (96)	9 (61)	2	10 (57)	4.8 (15)	11.6 (61)	30.7 (43)	14.7 (58)	0
34013016700	New Jersey	Essex	Montclair Township	167	2,704	1,707	63.13	2,704	681	25.18	Yes	600 (71)	30 (83)	0.4 (81)	0.668 (94)	8.91 (58)	1	10.1 (60)	5.3 (22)	10.1 (42)	31.7 (49)	12.5 (33)	0
34013016800	New Jersey	Essex	Montclair Township	168	3,591	1,802	50.18	3,582	613	17.11	Yes	820 (78)	30 (83)	0.4 (81)	0.61 (93)	8.87 (57)	1	9.3 (37)	5.4 (24)	7.7 (14)	28 (27)	11.5 (22)	0
34013017000	New Jersey	Essex	Montclair Township	170	2,688	1,420	52.83	2,631	265	10.07	Yes	220 (45)	30 (83)	0.4 (81)	0.622 (93)	8.88 (57)	1	9.2 (34)	6.4 (43)	8.6 (23)	30.5 (42)	10.1 (9)	0
34013017100	New Jersey	Essex	Montclair Township	171	2,299	2,074	90.21	2,285	1,059	46.35	Yes	550 (69)	30 (83)	0.4 (81)	0.66 (94)	8.91 (58)	1	12 (90)	4.7 (14)	13.9 (80)	37.9 (80)	16.2 (73)	1
34013017200	New Jersey	Essex	Montclair Township	172	3,310	2,371	71.63	3,302	649	19.65	Yes	140 (34)	30 (83)	0.4 (81)	0.643 (94)	8.89 (58)	1	10.9 (77)	6.8 (52)	13.3 (76)	39.1 (84)	12.2 (29)	0
34013017400	New Jersey	Essex	West Orange Township	174	5,554	2,928	52.72	5,554	242	4.36	Yes	1,100 (84)	30 (83)	0.4 (81)	0.574 (92)	8.77 (54)	1	8.4 (14)	7.6 (71)	8.9 (27)	30.9 (44)	9.8 (7)	0
34013017500	New Jersey	Essex	West Orange Township	175	6,060	3,265	53.88	6,060	676	11.16	Yes	1,600 (89)	30 (83)	0.4 (81)	0.605 (93)	8.82 (56)	1	8.7 (21)	8.3 (85)	10.1 (42)	33.8 (61)	9.9 (8)	0
34013017600	New Jersey	Essex	West Orange Township	176	4,880	3,710	76.02	4,880	1,203	24.65	Yes	200 (42)	30 (83)	0.4 (81)	0.611 (93)	8.86 (57)	1	10.1 (60)	5.9 (33)	11.5 (59)	33.7 (61)	13.6 (46)	0
34013017700	New Jersey	Essex	West Orange Township	177	4,811	4,130	85.84	4,811	2,289	47.58	Yes	440 (63)	30 (83)	0.4 (81)	0.62 (93)	8.87 (57)	1	11.3 (84)	4.3 (9)	13.4 (77)	32.9 (56)	17.5 (83)	0
34013017800	New Jersey	Essex	West Orange Township	178	3,012	2,508	83.27	2,982	1,010	33.87	Yes	3,400 (96)	30 (83)	0.4 (81)	0.633 (94)	8.84 (56)	1	9.9 (54)	5.5 (26)	11 (54)	32.7 (55)	13.7 (47)	0
34013017900	New Jersey	Essex	West Orange Township	179	3,705	1,899	51.26	3,705	301	8.12	Yes	420 (62)	30 (83)	0.4 (81)	0.623 (93)	8.83 (56)	1	9.2 (34)	6.4 (43)	9.3 (32)	31.7 (49)	10.8 (15)	0
34013018000	New Jersey	Essex	West Orange Township	180	6,178	3,236	52.38	6,062	338	5.58	Yes	420 (62)	30 (83)	0.4 (81)	0.554 (90)	8.76 (54)	1	8.4 (14)	7.5 (69)	8.9 (27)	31.4 (47)	9.2 (4)	0
34013018100	New Jersey	Essex	City of Orange Township	181	2,057	1,982	96.35	2,057	864	42	Yes	750 (76)	30 (83)	0.4 (81)	0.648 (94)	8.9 (58)	1	13.3 (96)	5.3 (22)	17.7 (94)	43.1 (92)	18.1 (86)	3
34013018200	New Jersey	Essex	City of Orange Township	182	4,176	4,096	98.08	4,176	1,108	26.53	Yes	1,200 (85)	30 (83)	0.4 (81)	0.67 (94)	8.88 (57)	1	12.6 (94)	5.4 (24)	16.7 (92)	42.4 (91)	16.8 (78)	3
34013018300	New Jersey	Essex	City of Orange Township	183	4,307	4,281	99.4	4,307	2,346	54.47	Yes	1,200 (86)	30 (83)	0.4 (81)	0.673 (94)	8.88 (57)	1	12.1 (91)	4.6 (12)	15.4 (88)	38.7 (82)	17.5 (83)	1

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk (Lifetime risk per million (Percentile))	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34013018400	New Jersey	Essex	City of Orange Township	184	1,925	1,888	98.08	1,917	779	40.64	Yes	2,400 (93)	30 (83)	0.5 (95)	0.738 (95)	8.91 (58)	2	13.1 (96)	5.5 (26)	18 (94)	43.5 (93)	17.7 (84)	3	
34013018600	New Jersey	Essex	City of Orange Township	186	4,555	4,291	94.2	4,342	2,277	52.44	Yes	5,100 (98)	30 (83)	0.4 (81)	0.657 (94)	8.88 (57)	1	10.9 (77)	4.5 (11)	14.5 (84)	35 (68)	17.3 (82)	0	
34013018700	New Jersey	Essex	City of Orange Township	187	5,228	5,162	98.74	5,221	3,020	57.84	Yes	1,000 (82)	30 (83)	0.4 (81)	0.659 (94)	8.88 (57)	1	11.8 (89)	6 (35)	16 (90)	43.5 (93)	14.8 (59)	2	
34013018800	New Jersey	Essex	City of Orange Township	188	4,464	4,229	94.74	4,290	1,257	29.3	Yes	150 (36)	30 (83)	0.4 (81)	0.646 (94)	8.87 (57)	1	11 (79)	6.1 (37)	13.4 (77)	39 (83)	12.8 (36)	0	
34013018900	New Jersey	Essex	City of Orange Township	189	3,772	3,657	96.95	3,752	1,685	44.91	Yes	270 (50)	30 (83)	0.4 (81)	0.634 (94)	8.85 (56)	1	12 (90)	4.6 (12)	14.5 (84)	38.7 (82)	16.9 (79)	1	
34013019100	New Jersey	Essex	South Orange Village Township	191	4,140	2,205	53.26	4,042	194	4.8	Yes	350 (57)	30 (83)	0.4 (81)	0.637 (94)	8.85 (57)	1	9.3 (37)	6.2 (39)	9.2 (31)	32 (51)	10.1 (9)	0	
34013019200	New Jersey	Essex	South Orange Village Township	192	4,642	1,717	36.99	2,799	861	30.76	Yes	390 (59)	30 (83)	0.4 (81)	0.616 (93)	8.85 (57)	1	10.5 (70)	4.3 (9)	7.7 (14)	25.3 (14)	15.3 (65)	0	
34013019600	New Jersey	Essex	Maplewood Township	196	6,139	4,144	67.5	6,119	1,484	24.25	Yes	170 (39)	30 (83)	0.4 (81)	0.626 (93)	8.86 (57)	1	10.1 (60)	7.3 (64)	11.6 (61)	37.3 (78)	11.4 (21)	0	
34013019700	New Jersey	Essex	Maplewood Township	197	6,586	5,431	82.46	6,542	793	12.12	Yes	400 (60)	30 (83)	0.4 (81)	0.637 (94)	8.84 (56)	1	10.9 (77)	5.3 (22)	11 (54)	34.8 (67)	13.2 (41)	0	
34013022700	New Jersey	Essex	Newark	227	2,648	2,515	94.98	2,648	1,508	56.95	Yes	620 (72)	40 (97)	0.6 (98)	0.915 (97)	9.01 (61)	3	13.7 (97)	5.5 (26)	20.7 (98)	47.6 (97)	19.7 (93)	4	
34013022800	New Jersey	Essex	Newark	228	1,964	1,878	95.62	1,964	1,399	71.23	Yes	550 (69)	40 (97)	0.5 (95)	0.886 (97)	9.02 (61)	3	15 (99)	5.8 (31)	22.2 (99)	49.7 (98)	20.8 (96)	4	
34013022900	New Jersey	Essex	Newark	229	4,255	3,590	84.37	3,195	1,637	51.24	Yes	5,600 (98)	40 (97)	0.5 (95)	0.853 (97)	9.06 (62)	3	11.8 (89)	3.1 (2)	11.1 (55)	29.6 (36)	18.9 (90)	1	
34013023000	New Jersey	Essex	Newark	230	3,179	3,160	99.4	3,037	2,300	75.73	Yes	880 (80)	40 (97)	0.5 (95)	0.853 (97)	9 (61)	3	15 (99)	5.8 (31)	25.4 (100)	50.4 (98)	22.4 (98)	4	
34013023100	New Jersey	Essex	Newark	231	2,396	2,365	98.71	2,388	1,150	48.16	Yes	520 (67)	30 (83)	0.5 (95)	0.835 (96)	8.97 (60)	2	13.4 (97)	3.9 (5)	13.7 (79)	38.8 (83)	18.5 (88)	1	
34013023200	New Jersey	Essex	Newark	232	3,413	3,386	99.21	3,382	2,212	65.41	Yes	560 (69)	40 (97)	0.5 (95)	0.883 (97)	9 (61)	3	14.1 (98)	3.9 (5)	14.9 (85)	39.1 (84)	21.2 (97)	2	
34013980100	New Jersey	Essex	Newark	9801	2,594	2,126	81.96	0	0	0	Yes	6,600 (98)	40 (97)	0.6 (98)	0.972 (97)	9.06 (62)	3	8.8 (23)	2.4 (1)	10.3 (45)	34.2 (63)	16.3 (74)	0	
34013980200	New Jersey	Essex	Newark	9802	1,391	1,223	87.92	0	0	0	Yes	5,400 (98)	40 (97)	0.6 (98)	0.911 (97)	9.05 (62)	3	9.8 (52)	2.3 (1)	10 (41)	33.1 (57)	17.9 (85)	0	
34017000100	New Jersey	Hudson	Jersey City	1	6,029	4,810	79.78	5,950	2,100	35.29	Yes	2,700 (94)	40 (97)	0.6 (98)	1.362 (99)	9.25 (68)	3	8.4 (14)	5 (18)	11.3 (57)	30.2 (40)	12.6 (34)	0	
34017000200	New Jersey	Hudson	Jersey City	2	5,207	4,363	83.79	5,207	2,546	48.9	Yes	1,100 (84)	40 (97)	0.6 (98)	1.375 (99)	9.25 (68)	3	8.8 (23)	5 (18)	11.8 (63)	30.4 (41)	13.5 (44)	0	
34017000300	New Jersey	Hudson	Jersey City	3	4,132	3,150	76.23	4,126	1,591	38.56	Yes	700 (74)	40 (97)	0.6 (98)	1.4 (99)	9.25 (68)	3	9 (28)	4.5 (11)	10 (41)	27.8 (26)	14.5 (56)	0	
34017000400	New Jersey	Hudson	Jersey City	4	3,669	3,044	82.97	3,608	1,209	33.51	Yes	2,700 (95)	40 (97)	0.6 (98)	1.38 (99)	9.23 (68)	3	8.6 (18)	4.8 (15)	11.3 (57)	30.4 (41)	13.1 (40)	0	

34017000500	New Jersey	Hudson	Jersey City	5	4,016	3,194	79.53	3,966	1,477	37.24	Yes	900 (80)	40 (97)	0.6 (98)	1.373 (99)	9.25 (68)	3	8.5 (16)	4.3 (9)	10.6 (49)	28.6 (30)	13.4 (43)	0
34017000600	New Jersey	Hudson	Jersey City	6	5,272	3,350	63.54	5,272	1,533	29.08	Yes	730 (76)	40 (97)	0.5 (95)	1.418 (99)	9.24 (68)	3	8.6 (18)	4.8 (15)	11.1 (55)	30 (39)	13.1 (40)	0
34017000700	New Jersey	Hudson	Jersey City	7	3,032	2,164	71.37	3,032	895	29.52	Yes	540 (68)	40 (97)	0.5 (95)	1.41 (99)	9.24 (68)	3	8.4 (14)	4.8 (15)	10.4 (46)	28.7 (31)	12.8 (36)	0
34017000800	New Jersey	Hudson	Jersey City	8	3,508	2,177	62.06	3,508	1,009	28.76	Yes	700 (75)	40 (97)	0.5 (95)	1.449 (99)	9.24 (68)	3	8.7 (21)	4.1 (7)	8.9 (27)	26.4 (19)	13.4 (43)	0
34017000902	New Jersey	Hudson	Jersey City	9.02	6,007	4,555	75.83	6,007	1,951	32.48	Yes	7,200 (99)	40 (97)	0.6 (98)	1.453 (99)	9.23 (67)	3	7.8 (5)	5.5 (26)	11.3 (57)	31.7 (49)	11.1 (18)	0
34017001000	New Jersey	Hudson	Jersey City	10	2,060	1,623	78.79	2,060	614	29.81	Yes	2,500 (94)	40 (97)	0.6 (98)	1.447 (99)	9.23 (67)	3	8 (7)	4.7 (14)	9 (28)	26.9 (21)	11.5 (22)	0
34017001100	New Jersey	Hudson	Jersey City	11	4,980	3,465	69.58	4,980	1,333	26.77	Yes	1,300 (87)	30 (83)	0.5 (95)	1.461 (99)	9.23 (67)	2	8.3 (12)	4.4 (10)	9.7 (37)	28.1 (27)	12.4 (32)	0
34017001201	New Jersey	Hudson	Jersey City	12.01	2,147	1,932	89.99	2,147	752	35.03	Yes	4,500 (97)	40 (97)	0.6 (98)	1.463 (99)	9.22 (67)	3	7.3 (2)	3.8 (5)	9.2 (31)	25.1 (13)	10.8 (15)	0
34017001202	New Jersey	Hudson	Jersey City	12.02	1,377	1,207	87.65	1,362	565	41.48	Yes	5,300 (98)	30 (83)	0.5 (95)	1.468 (99)	9.22 (67)	2	9.3 (37)	5.1 (19)	13.5 (77)	34.7 (66)	13.8 (48)	0
34017001300	New Jersey	Hudson	Jersey City	13	2,898	2,169	74.84	2,723	783	28.76	Yes	830 (78)	30 (83)	0.5 (95)	1.488 (99)	9.24 (68)	2	8.6 (18)	5.2 (21)	10.3 (45)	29.6 (36)	13 (39)	0
34017001400	New Jersey	Hudson	Jersey City	14	4,058	3,228	79.55	3,851	1,527	39.65	Yes	4,400 (97)	30 (83)	0.5 (95)	1.473 (99)	9.22 (67)	2	8.6 (18)	4.5 (11)	10.9 (52)	29.8 (37)	13 (39)	0
34017001701	New Jersey	Hudson	Jersey City	17.01	4,533	3,811	84.07	4,533	2,169	47.85	Yes	5,000 (98)	40 (97)	0.6 (98)	1.451 (99)	9.21 (67)	3	8.6 (18)	3.8 (5)	9.9 (40)	28.9 (32)	13.4 (43)	0
34017001800	New Jersey	Hudson	Jersey City	18	3,874	3,129	80.77	3,874	2,238	57.77	Yes	2,000 (92)	30 (83)	0.5 (95)	1.454 (99)	9.22 (67)	2	9.1 (31)	3.9 (5)	12.2 (67)	30.2 (40)	14.7 (58)	0
34017001900	New Jersey	Hudson	Jersey City	19	1,722	1,475	85.66	1,722	607	35.25	Yes	4,000 (97)	30 (83)	0.5 (95)	1.46 (99)	9.22 (67)	2	6.9 (1)	3.9 (5)	10.2 (43)	27.2 (23)	10.7 (14)	0
34017002000	New Jersey	Hudson	Jersey City	20	3,990	3,195	80.08	3,967	1,602	40.38	Yes	2,200 (93)	30 (83)	0.5 (95)	1.46 (99)	9.21 (67)	2	8.1 (9)	4.2 (8)	10.3 (45)	28.3 (29)	12.3 (30)	0
34017002300	New Jersey	Hudson	Jersey City	23	2,461	1,404	57.05	2,461	284	11.54	Yes	900 (80)	30 (83)	0.6 (98)	1.488 (99)	9.22 (67)	2	7.6 (3)	3.5 (3)	5.4 (3)	19.9 (3)	10.5 (12)	0
34017002700	New Jersey	Hudson	Jersey City	27	5,503	4,572	83.08	5,475	2,126	38.83	Yes	560 (69)	40 (97)	0.5 (95)	1.455 (99)	9.2 (66)	3	9.5 (43)	4.1 (7)	12.5 (69)	32.1 (51)	15.3 (65)	0
34017002800	New Jersey	Hudson	Jersey City	28	5,502	3,452	62.74	5,166	2,331	45.12	Yes	1,200 (85)	40 (97)	0.5 (95)	1.463 (99)	9.2 (67)	3	9.3 (37)	4.9 (16)	10.8 (51)	30.8 (43)	13.6 (46)	0
34017002900	New Jersey	Hudson	Jersey City	29	3,744	2,470	65.97	3,432	1,374	40.04	Yes	1,400 (88)	30 (83)	0.5 (95)	1.465 (99)	9.21 (67)	2	8.3 (12)	4 (6)	9.2 (31)	27.4 (24)	12.3 (30)	0
34017003000	New Jersey	Hudson	Jersey City	30	2,631	1,985	75.45	2,604	1,146	44.01	Yes	910 (80)	30 (83)	0.5 (95)	1.472 (99)	9.2 (66)	2	8.9 (26)	4.9 (16)	12.4 (69)	33.7 (61)	13 (39)	0
34017003100	New Jersey	Hudson	Jersey City	31	5,705	4,306	75.48	5,508	1,955	35.49	Yes	750 (76)	30 (83)	0.5 (95)	1.474 (99)	9.21 (67)	2	8.3 (12)	4.7 (14)	11.6 (61)	31.3 (46)	12 (27)	0
34017003500	New Jersey	Hudson	Jersey City	35	2,107	1,203	57.1	2,107	469	22.26	Yes	1,200 (85)	30 (83)	0.5 (95)	1.485 (99)	9.2 (67)	2	8.6 (18)	4.3 (9)	8 (16)	25 (13)	12.3 (30)	0
34017004000	New Jersey	Hudson	Jersey City	40	5,411	4,968	91.81	5,411	1,145	21.16	Yes	510 (67)	30 (83)	0.5 (95)	1.46 (99)	9.19 (66)	2	8 (7)	4.4 (10)	10.2 (43)	30.3 (40)	11.3 (20)	0
34017004101	New Jersey	Hudson	Jersey City	41.01	6,242	5,000	80.1	6,242	1,990	31.88	Yes	1,100 (84)	40 (97)	0.6 (98)	1.466 (99)	9.2 (66)	3	10.1 (60)	4.6 (12)	12.4 (69)	33.3 (58)	14.7 (58)	0
34017004102	New Jersey	Hudson	Jersey City	41.02	3,211	2,812	87.57	3,211	1,367	42.57	Yes	650 (73)	30 (83)	0.5 (95)	1.469 (99)	9.19 (66)	2	11.5 (86)	4.5 (11)	14.8 (85)	39.7 (85)	16.8 (78)	0
34017004200	New Jersey	Hudson	Jersey City	42	5,455	5,027	92.15	5,455	2,592	47.52	Yes	1,200 (86)	40 (97)	0.5 (95)	1.455 (99)	9.19 (66)	3	10.8 (76)	4.5 (11)	13.7 (79)	36.7 (75)	15.5 (67)	0
34017004300	New Jersey	Hudson	Jersey City	43	2,405	1,968	81.83	2,384	783	32.84	Yes	560 (69)	30 (83)	0.5 (95)	1.461 (99)	9.19 (66)	2	11.2 (82)	5.2 (21)	12.2 (67)	38.7 (82)	14.1 (52)	0
34017004400	New Jersey	Hudson	Jersey City	44	2,532	2,475	97.75	2,508	1,650	65.79	Yes	1,000 (82)	30 (83)	0.5 (95)	1.43 (99)	9.19 (66)	2	13.8 (98)	5.8 (31)	20.7 (98)	50.7 (98)	19.4 (92)	4
34017004500	New Jersey	Hudson	Jersey City	45	4,486	4,129	92.04	4,458	2,281	51.17	Yes	600 (71)	30 (83)	0.5 (95)	1.408 (99)	9.18 (66)	2	13.2 (96)	5 (18)	17.8 (94)	43.7 (93)	19.4 (92)	4
34017004600	New Jersey	Hudson	Jersey City	46	2,770	2,519	90.94	2,770	1,588	57.33	Yes	210 (44)	30 (83)	0.5 (95)	1.429 (99)	9.19 (66)	2	11.2 (82)	4.6 (12)	15.3 (87)	37.8 (80)	17.2 (81)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34017004700	New Jersey	Hudson	Jersey City	47	2,487	1,708	68.68	2,456	967	39.37	Yes	1,400 (87)	30 (83)	0.5 (95)	1.425 (99)	9.19 (66)	2	10.1 (60)	3.8 (5)	10.4 (46)	30.6 (42)	15.2 (64)	0	
34017004800	New Jersey	Hudson	Jersey City	48	3,868	3,163	81.77	3,868	1,342	34.69	Yes	340 (56)	30 (83)	0.5 (95)	1.404 (99)	9.18 (66)	2	9 (28)	4.4 (10)	11.5 (59)	31.8 (49)	13.1 (40)	0	
34017004900	New Jersey	Hudson	Jersey City	49	3,961	3,670	92.65	3,961	1,202	30.35	Yes	960 (81)	30 (83)	0.5 (95)	1.394 (99)	9.18 (66)	2	10.3 (65)	4.8 (15)	13.8 (79)	37.2 (77)	14.4 (55)	0	
34017005200	New Jersey	Hudson	Jersey City	52	4,570	3,868	84.64	4,360	2,287	52.45	Yes	480 (65)	30 (83)	0.5 (95)	1.357 (99)	9.18 (66)	2	12.2 (92)	5.4 (24)	15 (86)	40.9 (88)	17.4 (82)	1	
34017005300	New Jersey	Hudson	Jersey City	53	3,412	3,274	95.96	3,412	1,365	40.01	Yes	640 (72)	30 (83)	0.5 (95)	1.374 (99)	9.18 (66)	2	11.8 (89)	5 (18)	14 (81)	40.7 (88)	15.7 (69)	0	
34017005400	New Jersey	Hudson	Jersey City	54	7,302	6,515	89.22	7,289	1,741	23.89	Yes	440 (63)	30 (83)	0.5 (95)	1.36 (99)	9.16 (65)	2	8.4 (14)	4.8 (15)	9.7 (37)	30.2 (40)	10.4 (11)	0	
34017005500	New Jersey	Hudson	Jersey City	55	2,941	2,729	92.79	2,898	1,741	60.08	Yes	480 (65)	30 (83)	0.5 (95)	1.36 (99)	9.18 (66)	2	13.1 (96)	5.3 (22)	16.5 (91)	43.9 (93)	17.8 (85)	3	
34017005600	New Jersey	Hudson	Jersey City	56	4,371	4,067	93.05	4,332	1,687	38.94	Yes	460 (64)	30 (83)	0.5 (95)	1.351 (99)	9.17 (65)	2	9.9 (54)	4.5 (11)	12 (65)	33.7 (61)	14 (50)	0	
34017005801	New Jersey	Hudson	Jersey City	58.01	5,437	5,251	96.58	5,424	2,925	53.93	Yes	760 (76)	30 (83)	0.5 (95)	1.371 (99)	9.18 (66)	2	13.2 (96)	5.3 (22)	18.6 (95)	46.1 (96)	18.6 (89)	3	
34017005802	New Jersey	Hudson	Jersey City	58.02	1,642	851	51.83	1,603	142	8.86	Yes	27 (11)	30 (83)	0.5 (95)	1.581 (99)	9.14 (65)	2	7.5 (3)	4.7 (14)	5.7 (3)	22.7 (7)	9.1 (4)	0	
34017005900	New Jersey	Hudson	Jersey City	59	7,590	6,292	82.9	7,386	1,531	20.73	Yes	540 (68)	30 (83)	0.5 (95)	1.351 (99)	9.16 (65)	2	8.7 (21)	5.5 (26)	12.1 (66)	33.8 (61)	12.1 (28)	0	
34017006000	New Jersey	Hudson	Jersey City	60	4,069	4,019	98.77	4,069	2,120	52.1	Yes	530 (68)	30 (83)	0.5 (95)	1.359 (99)	9.16 (65)	2	11.9 (90)	5 (18)	15.5 (88)	40.9 (88)	16.9 (79)	1	
34017006100	New Jersey	Hudson	Jersey City	61	7,249	5,630	77.67	7,232	2,547	35.22	Yes	1,500 (88)	30 (83)	0.5 (95)	1.363 (99)	9.14 (65)	2	10.1 (60)	5.1 (19)	13.8 (79)	35.8 (71)	15.3 (65)	0	
34017006200	New Jersey	Hudson	Jersey City	62	3,852	3,636	94.39	3,797	1,597	42.06	Yes	370 (58)	30 (83)	0.5 (95)	1.352 (99)	9.15 (65)	2	10.8 (76)	5.7 (29)	15.9 (89)	39.5 (85)	15.6 (68)	0	
34017006300	New Jersey	Hudson	Jersey City	63	4,576	4,287	93.68	4,500	2,149	47.76	Yes	1,800 (91)	30 (83)	0.5 (95)	1.367 (99)	9.15 (65)	2	11.3 (84)	5.6 (27)	17.4 (93)	41.9 (90)	17.1 (80)	2	
34017006400	New Jersey	Hudson	Jersey City	64	2,837	1,427	50.3	2,819	391	13.87	Yes	1,100 (84)	30 (83)	0.5 (95)	1.482 (99)	9.2 (67)	2	7.9 (6)	3.8 (5)	5.6 (3)	21.3 (5)	11 (17)	0	
34017006500	New Jersey	Hudson	Jersey City	65	2,102	1,392	66.22	2,102	603	28.69	Yes	2,600 (94)	30 (83)	0.5 (95)	1.484 (99)	9.2 (66)	2	8.9 (26)	4 (6)	7.9 (15)	25.9 (17)	13 (39)	0	
34017006600	New Jersey	Hudson	Jersey City	66	1,377	1,210	87.87	1,377	376	27.31	Yes	1,800 (90)	40 (97)	0.6 (98)	1.478 (99)	9.2 (67)	3	6.5 (0)	4.2 (8)	10.9 (52)	27.1 (22)	9.3 (5)	0	
34017006700	New Jersey	Hudson	Jersey City	67	3,155	2,858	90.59	3,155	1,878	59.52	Yes	1,500 (88)	30 (83)	0.5 (95)	1.472 (99)	9.19 (66)	2	12.9 (95)	4.6 (12)	16.4 (91)	40 (86)	19.4 (92)	3	
34017006800	New Jersey	Hudson	Jersey City	68	3,854	3,679	95.46	3,854	1,698	44.06	Yes	810 (78)	30 (83)	0.5 (95)	1.379 (99)	9.19 (66)	2	13.4 (97)	4.7 (14)	15.7 (89)	43.6 (93)	19.1 (91)	3	
34017006900	New Jersey	Hudson	Jersey City	69	68	26	38.24	68	26	38.24	Yes	5,600 (98)	40 (97)	0.6 (98)	1.451 (99)	9.23 (68)	3	9.6 (46)	3.2 (2)	8.9 (27)	29.4 (35)	15.7 (69)	0	
34017007000	New Jersey	Hudson	Jersey City	70	4,772	3,366	70.54	4,763	967	20.3	Yes	710 (75)	30 (83)	0.5 (95)	1.495 (99)	9.21 (67)	2	7.9 (6)	3.9 (5)	7.2 (10)	22.8 (7)	11.6 (23)	0	
34017007100	New Jersey	Hudson	Jersey City	71	2,883	2,130	73.88	2,751	755	27.44	Yes	2,000 (92)	30 (83)	0.5 (95)	1.468 (99)	9.21 (67)	2	7.9 (6)	5 (18)	9.9 (40)	29.3 (34)	11.4 (21)	0	
34017007200	New Jersey	Hudson	Jersey City	72	2,445	1,360	55.62	2,177	202	9.28	Yes	4,300 (97)	40 (97)	0.5 (95)	1.493 (99)	9.22 (67)	3	7.3 (2)	6.2 (39)	7.2 (10)	26.8 (21)	9.4 (5)	0	
34017007300	New Jersey	Hudson	Jersey City	73	2,940	1,581	53.78	2,940	212	7.21	Yes	630 (72)	30 (83)	0.5 (95)	1.465 (99)	9.19 (66)	2	6.5 (0)	2.4 (1)	2.5 (0)	13.1 (1)	8.5 (2)	0	



34017007500	New Jersey	Hudson	Jersey City	75	6,264	3,923	62.63	6,264	886	14.14	Yes	870 (79)	30 (83)	0.5 (95)	1.492 (99)	9.2 (67)	2	7 (1)	4 (6)	5.9 (4)	22 (6)	9.4 (5)	0
34017007600	New Jersey	Hudson	Jersey City	76	8,444	5,440	64.42	8,444	617	7.31	Yes	570 (70)	30 (83)	0.5 (95)	1.661 (99)	9.21 (67)	2	5.9 (0)	2.2 (1)	3.1 (1)	13.7 (1)	7.8 (1)	0
34017007700	New Jersey	Hudson	Jersey City	77	9,134	7,298	79.9	9,134	1,792	19.62	Yes	2,500 (94)	40 (97)	0.6 (98)	1.805 (99)	9.22 (67)	3	5.8 (0)	2.2 (1)	3.8 (1)	14.9 (1)	8 (1)	0
34017007800	New Jersey	Hudson	Jersey City	78	2,245	1,358	60.49	2,245	977	43.52	Yes	3,500 (96)	40 (97)	0.6 (98)	1.528 (99)	9.22 (67)	3	8.9 (26)	6.1 (37)	13.1 (74)	36.3 (74)	12.8 (36)	0
34017010100	New Jersey	Hudson	Bayonne	101	7,133	4,528	63.48	7,133	3,001	42.07	Yes	2,200 (93)	30 (83)	0.5 (95)	1.373 (99)	9.13 (64)	2	9.4 (40)	6.2 (39)	11.2 (56)	33.3 (58)	14 (50)	0
34017010300	New Jersey	Hudson	Bayonne	103	3,147	1,989	63.2	3,147	1,685	53.54	Yes	1,600 (89)	30 (83)	0.5 (95)	1.297 (98)	9.1 (63)	2	10.2 (62)	5.9 (33)	11.8 (63)	33.8 (61)	15.7 (69)	0
34017010400	New Jersey	Hudson	Bayonne	104	4,184	2,354	56.26	4,173	998	23.92	Yes	950 (81)	30 (83)	0.5 (95)	1.333 (99)	9.07 (63)	2	9.1 (31)	6.5 (45)	9.4 (33)	31.8 (49)	12.6 (34)	0
34017010500	New Jersey	Hudson	Bayonne	105	5,503	2,917	53.01	5,484	867	15.81	Yes	340 (56)	30 (83)	0.5 (95)	1.277 (98)	9.09 (63)	2	9 (28)	6.8 (52)	9.9 (40)	32.3 (52)	12.4 (32)	0
34017010600	New Jersey	Hudson	Bayonne	106	7,383	4,175	56.55	7,383	2,726	36.92	Yes	270 (50)	30 (83)	0.5 (95)	1.267 (98)	9.05 (62)	2	10.1 (60)	7.4 (66)	13.4 (77)	37.2 (77)	14.9 (61)	0
34017010700	New Jersey	Hudson	Bayonne	107	3,723	2,077	55.79	3,723	1,743	46.82	Yes	700 (75)	30 (83)	0.5 (95)	1.241 (98)	9.05 (62)	2	9.8 (52)	5.9 (33)	11.1 (55)	33.6 (60)	14.8 (59)	0
34017010800	New Jersey	Hudson	Bayonne	108	3,471	2,245	64.68	3,471	915	26.36	Yes	1,300 (87)	30 (83)	0.5 (95)	1.233 (98)	9.02 (61)	2	9.5 (43)	6.2 (39)	10.4 (46)	33.9 (62)	14.1 (52)	0
34017010900	New Jersey	Hudson	Bayonne	109	2,174	1,113	51.2	2,174	985	45.31	Yes	860 (79)	30 (83)	0.5 (95)	1.219 (98)	9.03 (61)	2	9.9 (54)	6.9 (54)	13.1 (74)	38.2 (81)	15.1 (63)	0
34017011000	New Jersey	Hudson	Bayonne	110	2,069	1,445	69.84	2,069	695	33.59	Yes	360 (57)	30 (83)	0.5 (95)	1.221 (98)	9.03 (61)	2	9.4 (40)	5.1 (19)	10.9 (52)	33.1 (57)	14.4 (55)	0
34017011100	New Jersey	Hudson	Bayonne	111	4,487	2,806	62.54	4,475	2,032	45.41	Yes	370 (58)	30 (83)	0.5 (95)	1.238 (98)	9.03 (62)	2	10.1 (60)	5.2 (21)	11.8 (63)	32.6 (54)	16.2 (73)	0
34017011200	New Jersey	Hudson	Bayonne	112	6,269	3,194	50.95	6,247	745	11.93	Yes	850 (79)	30 (83)	0.5 (95)	1.203 (98)	9.01 (61)	2	8.9 (26)	6.8 (52)	8.9 (27)	31.8 (49)	12.2 (29)	0
34017011300	New Jersey	Hudson	Bayonne	113	2,593	1,568	60.47	2,593	1,021	39.38	Yes	1,700 (90)	30 (83)	0.5 (95)	1.184 (98)	9 (61)	2	9.9 (54)	6.1 (37)	11.2 (56)	34.1 (63)	15.3 (65)	0
34017011400	New Jersey	Hudson	Bayonne	114	3,583	1,884	52.58	3,583	798	22.27	Yes	1,200 (86)	30 (83)	0.5 (95)	1.113 (98)	8.97 (60)	2	9.4 (40)	6.8 (52)	9.3 (32)	32 (51)	13.3 (42)	0
34017011600	New Jersey	Hudson	Bayonne	116	3,863	1,699	43.98	3,863	1,723	44.6	Yes	420 (61)	30 (83)	0.5 (95)	1.013 (97)	8.96 (60)	2	10.1 (60)	6.3 (41)	10.9 (52)	34.2 (63)	14.4 (55)	0
34017012300	New Jersey	Hudson	Kearny	123	2,454	1,673	68.17	2,454	748	30.48	Yes	550 (69)	30 (83)	0.5 (95)	0.786 (96)	9.13 (64)	2	9.3 (37)	5.7 (29)	10.3 (45)	30.6 (42)	14.1 (52)	0
34017012500	New Jersey	Hudson	Kearny	125	3,815	1,983	51.98	3,770	714	18.94	Yes	760 (76)	30 (83)	0.5 (95)	0.764 (96)	9.1 (63)	2	9.1 (31)	6.3 (41)	9.2 (31)	30.4 (41)	12.9 (37)	0
34017012600	New Jersey	Hudson	Kearny	126	3,681	2,048	55.64	3,681	1,022	27.76	Yes	17 (8)	30 (83)	0.5 (95)	0.78 (96)	9.12 (64)	2	9.7 (49)	5.9 (33)	10.2 (43)	31.6 (48)	14.7 (58)	0
34017012700	New Jersey	Hudson	Kearny	127	6,350	3,844	60.54	4,777	984	20.6	Yes	970 (81)	30 (83)	0.5 (95)	0.932 (97)	9.16 (65)	2	9.1 (31)	4.6 (12)	9.1 (29)	29.9 (38)	14.5 (56)	0
34017012800	New Jersey	Hudson	Kearny	128	4,805	3,375	70.24	4,805	1,733	36.07	Yes	130 (33)	30 (83)	0.5 (95)	0.908 (97)	9.12 (64)	2	9.8 (52)	5.6 (27)	10.7 (50)	30.9 (44)	15.5 (67)	0
34017012900	New Jersey	Hudson	Kearny	129	3,824	2,719	71.1	3,705	1,333	35.98	Yes	20 (9)	30 (83)	0.5 (95)	0.871 (97)	9.1 (63)	2	9.3 (37)	5.5 (26)	10.1 (42)	30.1 (39)	14.7 (58)	0
34017013000	New Jersey	Hudson	Kearny	130	4,038	3,448	85.39	4,038	1,350	33.43	Yes	15 (7)	40 (97)	0.5 (95)	0.856 (97)	9.1 (63)	3	9.1 (31)	5.1 (19)	10.7 (50)	30.1 (39)	14 (50)	0
34017013100	New Jersey	Hudson	Kearny	131	2,318	1,407	60.7	2,318	900	38.83	Yes	260 (49)	30 (83)	0.5 (95)	0.797 (96)	9.09 (63)	2	9.5 (43)	5.4 (24)	10.3 (45)	31.4 (47)	14.6 (57)	0
34017013200	New Jersey	Hudson	Kearny	132	4,279	2,969	69.39	4,267	1,939	45.44	Yes	24 (11)	40 (97)	0.5 (95)	0.864 (97)	9.09 (63)	3	9.3 (37)	5 (18)	11 (54)	30.6 (42)	14.6 (57)	0
34017013300	New Jersey	Hudson	Kearny	133	3,052	1,937	63.47	2,946	658	22.34	Yes	320 (54)	30 (83)	0.5 (95)	0.854 (97)	9.08 (63)	2	9.2 (34)	5.8 (31)	10.9 (52)	32.4 (53)	14.3 (54)	0
34017013400	New Jersey	Hudson	East Newark Borough	134	2,644	2,116	80.03	2,618	1,029	39.3	Yes	2,000 (92)	30 (83)	0.5 (95)	0.864 (97)	9.07 (62)	2	8.9 (26)	4.3 (9)	10 (41)	27.5 (24)	14.5 (56)	0
34017013500	New Jersey	Hudson	Harrison	135	5,274	3,765	71.39	5,274	2,130	40.39	Yes	150 (35)	40 (97)	0.5 (95)	0.897 (97)	9.09 (63)	3	9 (28)	5.2 (21)	10.4 (46)	30.2 (40)	14.2 (53)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
34017013600	New Jersey	Hudson	Harrison	136	2,220	1,725	77.7	2,220	1,070	48.2	Yes	1,800 (91)	40 (97)	0.5 (95)	0.886 (97)	9.08 (63)	3	8.3 (12)	4.4 (10)	9.9 (40)	27.2 (23)	13 (39)	0	
34017013700	New Jersey	Hudson	Harrison	137	2,737	2,230	81.48	2,737	1,266	46.26	Yes	5,500 (98)	40 (97)	0.5 (95)	0.869 (97)	9.07 (63)	3	8.6 (18)	4.5 (11)	10.5 (47)	27.7 (25)	14 (50)	0	
34017013800	New Jersey	Hudson	Harrison	138	3,201	2,379	74.32	3,201	626	19.56	Yes	6,800 (99)	40 (97)	0.5 (95)	0.893 (97)	9.07 (63)	3	7.6 (3)	4.7 (14)	8.4 (21)	26 (17)	10.6 (13)	0	
34017013900	New Jersey	Hudson	Harrison	139	3,781	2,455	64.93	3,781	1,168	30.89	Yes	2,300 (93)	30 (83)	0.5 (95)	0.913 (97)	9.1 (63)	2	8.3 (12)	4.9 (16)	8.9 (27)	27.7 (25)	12.4 (32)	0	
34017014000	New Jersey	Hudson	North Bergen Township	140	5,032	4,093	81.34	5,026	1,571	31.26	Yes	1,500 (88)	40 (97)	0.5 (95)	1.19 (98)	9.34 (70)	3	8.7 (21)	5.5 (26)	12.1 (66)	31.6 (48)	13.3 (42)	0	
34017014101	New Jersey	Hudson	North Bergen Township	141.01	4,202	2,530	60.21	3,641	610	16.75	Yes	1,900 (91)	40 (97)	0.5 (95)	1.247 (98)	9.32 (70)	3	7.9 (6)	7.6 (71)	10.4 (46)	33.3 (58)	10.3 (11)	0	
34017014102	New Jersey	Hudson	North Bergen Township	141.02	5,096	3,791	74.39	5,096	622	12.21	Yes	1,000 (82)	40 (97)	0.5 (95)	1.222 (98)	9.33 (70)	3	8 (7)	6.2 (39)	9.8 (38)	30.5 (42)	10.6 (13)	0	
34017014200	New Jersey	Hudson	North Bergen Township	142	5,994	5,382	89.79	5,994	1,848	30.83	Yes	510 (67)	40 (97)	0.5 (95)	1.246 (98)	9.33 (70)	3	8.4 (14)	4.9 (16)	11.2 (56)	30.7 (43)	13 (39)	0	
34017014300	New Jersey	Hudson	North Bergen Township	143	4,980	4,095	82.23	4,980	1,233	24.76	Yes	710 (75)	40 (97)	0.5 (95)	1.231 (98)	9.33 (70)	3	8.1 (9)	5.1 (19)	10.8 (51)	29.9 (38)	12.2 (29)	0	
34017014400	New Jersey	Hudson	North Bergen Township	144	7,752	6,269	80.87	7,745	1,520	19.63	Yes	1,400 (88)	40 (97)	0.5 (95)	1.207 (98)	9.33 (70)	3	8.3 (12)	5.2 (21)	10.9 (52)	30.6 (42)	12.5 (33)	0	
34017014501	New Jersey	Hudson	North Bergen Township	145.01	6,230	5,395	86.6	6,230	2,569	41.24	Yes	1,100 (84)	40 (97)	0.6 (98)	1.254 (98)	9.33 (70)	3	9.1 (31)	5.1 (19)	13.5 (77)	32.8 (55)	14.8 (59)	0	
34017014502	New Jersey	Hudson	North Bergen Township	145.02	3,329	2,667	80.11	3,329	2,359	70.86	Yes	1,300 (86)	40 (97)	0.6 (98)	1.371 (99)	9.33 (70)	3	10.8 (76)	8.2 (83)	23.7 (99)	46.4 (96)	17.2 (81)	2	
34017014600	New Jersey	Hudson	North Bergen Township	146	3,820	2,922	76.49	3,820	1,049	27.46	Yes	1,100 (83)	40 (97)	0.5 (95)	1.243 (98)	9.34 (71)	3	8.5 (16)	4.5 (11)	11.1 (55)	29.4 (35)	13.1 (40)	0	
34017014700	New Jersey	Hudson	North Bergen Township	147	5,749	4,821	83.86	5,749	2,053	35.71	Yes	940 (81)	40 (97)	0.5 (95)	1.263 (98)	9.3 (70)	3	8.6 (18)	4.8 (15)	12 (65)	30.8 (43)	13.5 (44)	0	
34017014800	New Jersey	Hudson	North Bergen Township	148	6,104	4,609	75.51	6,048	1,906	31.51	Yes	4,300 (97)	40 (97)	0.5 (95)	1.326 (98)	9.28 (69)	3	8.3 (12)	5.8 (31)	12.9 (73)	33.4 (59)	12.5 (33)	0	
34017014900	New Jersey	Hudson	North Bergen Township	149	3,331	2,883	86.55	3,327	911	27.38	Yes	3,200 (96)	40 (97)	0.5 (95)	1.35 (99)	9.26 (68)	3	8.1 (9)	4.7 (14)	11.4 (58)	30.2 (40)	12.4 (32)	0	
34017015001	New Jersey	Hudson	Guttenberg	150.01	1,975	1,115	56.46	1,975	235	11.9	Yes	2,000 (92)	40 (97)	0.5 (95)	1.27 (98)	9.32 (70)	3	7.7 (4)	6.5 (45)	8.7 (24)	30.2 (40)	9.1 (4)	0	
34017015002	New Jersey	Hudson	Guttenberg	150.02	6,325	5,067	80.11	6,218	2,359	37.94	Yes	500 (66)	40 (97)	0.5 (95)	1.257 (98)	9.33 (70)	3	9.3 (37)	4.9 (16)	13.7 (79)	32.2 (52)	15.4 (66)	0	
34017015100	New Jersey	Hudson	Guttenberg	151	3,017	2,542	84.26	3,017	887	29.4	Yes	550 (69)	30 (83)	0.5 (95)	1.238 (98)	9.33 (70)	2	9.2 (34)	4.4 (10)	12.3 (68)	29.6 (36)	15.3 (65)	0	

34017015201	New Jersey	Hudson	West New York	152.01	2,939	1,662	56.55	2,939	278	9.46	Yes	1,500 (89)	40 (97)	0.5 (95)	1,291 (98)	9.31 (70)	3	7.5 (3)	6.2 (39)	7.6 (13)	27.5 (24)	8.9 (3)	0
34017015202	New Jersey	Hudson	West New York	152.02	6,325	5,292	83.67	6,233	2,466	39.56	Yes	1,000 (82)	40 (97)	0.5 (95)	1.27 (98)	9.32 (70)	3	8.3 (12)	4.7 (14)	10.9 (52)	29.6 (36)	12.5 (33)	0
34017015300	New Jersey	Hudson	West New York	153	4,010	3,572	89.08	4,010	1,606	40.05	Yes	360 (58)	40 (97)	0.5 (95)	1.261 (98)	9.32 (70)	3	9 (28)	4.4 (10)	12.7 (71)	30.7 (43)	14.9 (61)	0
34017015500	New Jersey	Hudson	West New York	155	4,946	4,454	90.05	4,928	2,051	41.62	Yes	1,000 (83)	40 (97)	0.5 (95)	1.253 (98)	9.32 (70)	3	8.9 (26)	4.9 (16)	13.5 (77)	32.6 (54)	14.5 (56)	0
34017015600	New Jersey	Hudson	West New York	156	4,572	4,152	90.81	4,521	2,308	51.05	Yes	630 (72)	40 (97)	0.5 (95)	1.264 (98)	9.32 (70)	3	9.7 (49)	4.5 (11)	15.2 (87)	32.3 (52)	16.8 (78)	0
34017015700	New Jersey	Hudson	West New York	157	4,209	4,133	98.19	4,208	2,126	50.52	Yes	550 (69)	40 (97)	0.5 (95)	1.278 (98)	9.31 (70)	3	8.8 (23)	4.3 (9)	12.6 (70)	30.6 (42)	14.5 (56)	0
34017015801	New Jersey	Hudson	West New York	158.01	2,982	1,630	54.66	2,982	556	18.65	Yes	240 (47)	40 (97)	0.5 (95)	1.31 (98)	9.31 (70)	3	6.9 (1)	2.9 (2)	4.6 (2)	17.6 (2)	9.6 (6)	0
34017015802	New Jersey	Hudson	West New York	158.02	6,649	6,149	92.48	6,633	3,528	53.19	Yes	390 (60)	40 (97)	0.5 (95)	1.291 (98)	9.31 (70)	3	8.6 (18)	6.8 (52)	17 (93)	38.8 (83)	12.9 (37)	1
34017015900	New Jersey	Hudson	West New York	159	6,054	5,340	88.21	6,045	3,235	53.52	Yes	310 (53)	40 (97)	0.5 (95)	1.279 (98)	9.31 (70)	3	9.2 (34)	4.1 (7)	13.8 (79)	32.3 (52)	16.3 (74)	0
34017016000	New Jersey	Hudson	West New York	160	3,416	3,022	88.47	3,416	1,351	39.55	Yes	920 (80)	40 (97)	0.5 (95)	1.259 (98)	9.32 (70)	3	8.5 (16)	4.5 (11)	12.2 (67)	30.6 (42)	13.6 (46)	0
34017016100	New Jersey	Hudson	Union City	161	3,960	3,298	83.28	3,960	2,155	54.42	Yes	270 (50)	40 (97)	0.5 (95)	1.317 (98)	9.31 (70)	3	8.9 (26)	4.1 (7)	13.3 (76)	29.9 (38)	15.3 (65)	0
34017016200	New Jersey	Hudson	Union City	162	4,286	3,598	83.95	4,286	2,249	52.47	Yes	1,100 (84)	40 (97)	0.5 (95)	1.297 (98)	9.31 (70)	3	9.4 (40)	4.5 (11)	15.4 (88)	33.4 (59)	16.3 (74)	0
34017016300	New Jersey	Hudson	Union City	163	4,517	3,883	85.96	4,508	1,793	39.77	Yes	420 (61)	40 (97)	0.5 (95)	1.346 (99)	9.3 (70)	3	8.8 (23)	5 (18)	15.1 (86)	34.7 (66)	14.8 (59)	0
34017016400	New Jersey	Hudson	Union City	164	3,566	3,039	85.22	3,566	1,457	40.86	Yes	950 (81)	40 (97)	0.6 (98)	1.379 (99)	9.3 (69)	3	9.1 (31)	4.9 (16)	14.8 (85)	33.1 (57)	14.9 (61)	0
34017016500	New Jersey	Hudson	Union City	165	4,989	4,231	84.81	4,858	1,695	34.89	Yes	8,000 (99)	40 (97)	0.6 (98)	1.423 (99)	9.28 (69)	3	8.9 (26)	4.8 (15)	12.5 (69)	30.8 (43)	14.3 (54)	0
34017016600	New Jersey	Hudson	Union City	166	4,043	3,301	81.65	3,983	2,033	51.04	Yes	2,900 (95)	40 (97)	0.5 (95)	1.344 (99)	9.29 (69)	3	8.8 (23)	4.7 (14)	13.8 (79)	32.3 (52)	14.5 (56)	0
34017016700	New Jersey	Hudson	Union City	167	1,590	1,272	80	1,590	786	49.43	Yes	8,000 (99)	40 (97)	0.6 (98)	1.332 (98)	9.29 (69)	3	8.7 (21)	4.4 (10)	13.3 (76)	31.1 (45)	14.4 (55)	0
34017016800	New Jersey	Hudson	Union City	168	3,687	3,052	82.78	3,662	1,705	46.56	Yes	6,400 (98)	40 (97)	0.5 (95)	1.371 (99)	9.28 (69)	3	9.2 (34)	4.3 (9)	14.3 (82)	32.6 (54)	16 (71)	0
34017016900	New Jersey	Hudson	Union City	169	2,992	2,270	75.87	2,975	1,801	60.54	Yes	1,600 (89)	40 (97)	0.5 (95)	1.38 (99)	9.28 (69)	3	9.5 (43)	5.6 (27)	17.9 (94)	39.2 (84)	16.1 (72)	1
34017017000	New Jersey	Hudson	Union City	170	5,200	4,194	80.65	4,976	2,778	55.83	Yes	2,000 (92)	40 (97)	0.5 (95)	1.338 (99)	9.28 (69)	3	9.2 (34)	4.8 (15)	14.4 (83)	33.2 (58)	15.7 (69)	0
34017017100	New Jersey	Hudson	Union City	171	5,017	4,363	86.96	5,005	2,161	43.18	Yes	1,000 (83)	40 (97)	0.6 (98)	1.347 (99)	9.27 (69)	3	9.1 (31)	4.9 (16)	13 (74)	30.9 (44)	14.7 (58)	0
34017017200	New Jersey	Hudson	Union City	172	3,297	2,719	82.47	3,286	1,500	45.65	Yes	780 (77)	40 (97)	0.6 (98)	1.381 (99)	9.27 (69)	3	9.1 (31)	4.3 (9)	12.5 (69)	29.7 (37)	15.3 (65)	0
34017017300	New Jersey	Hudson	Union City	173	2,520	1,749	69.4	2,520	816	32.38	Yes	820 (78)	40 (97)	0.6 (98)	1.428 (99)	9.27 (69)	3	8.9 (26)	5.4 (24)	12 (65)	32.1 (51)	13.4 (43)	0
34017017400	New Jersey	Hudson	Union City	174	2,489	2,152	86.46	2,489	1,251	50.26	Yes	690 (74)	40 (97)	0.5 (95)	1.382 (99)	9.27 (69)	3	9.6 (46)	4.8 (15)	15.8 (89)	33.5 (59)	16.7 (77)	0
34017017500	New Jersey	Hudson	Union City	175	4,520	4,088	90.44	4,508	2,413	53.53	Yes	720 (75)	40 (97)	0.5 (95)	1.381 (99)	9.27 (69)	3	9.1 (31)	3.9 (5)	13 (74)	31 (45)	15.9 (71)	0
34017017600	New Jersey	Hudson	Union City	176	3,381	2,919	86.34	3,354	1,807	53.88	Yes	980 (82)	40 (97)	0.6 (98)	1.364 (99)	9.27 (69)	3	9.2 (34)	4.6 (12)	13.9 (80)	32.5 (54)	15.5 (67)	0
34017017700	New Jersey	Hudson	Union City	177	1,758	1,386	78.84	1,758	1,007	57.28	Yes	1,700 (90)	40 (97)	0.6 (98)	1.366 (99)	9.26 (68)	3	9.9 (54)	4.3 (9)	14.9 (85)	31.3 (46)	17 (80)	0
34017017800	New Jersey	Hudson	Union City	178	6,414	5,305	82.71	6,414	1,920	29.93	Yes	800 (78)	40 (97)	0.6 (98)	1.399 (99)	9.26 (68)	3	8.9 (26)	4.4 (10)	11.2 (56)	29.5 (36)	14.5 (56)	0
34017018000	New Jersey	Hudson	Weehawken Township	180	3,942	2,377	60.3	3,901	1,289	33.04	Yes	110 (30)	40 (97)	0.5 (95)	1.359 (99)	9.3 (69)	3	8.6 (18)	4.9 (16)	9.7 (37)	27.4 (24)	12.6 (34)	0
34017018100	New Jersey	Hudson	Weehawken Township	181	2,708	1,780	65.73	2,708	764	28.21	Yes	3,600 (96)	40 (97)	0.6 (98)	1.438 (99)	9.3 (69)	3	8.3 (12)	5.8 (31)	9.3 (32)	29.8 (37)	11.6 (23)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [ $\mu\text{g}/\text{m}^3$ (Percentile)]	Particulate Matter 2.5 [ $\mu\text{g}/\text{m}^3$ (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
34017019000	New Jersey	Hudson	Hoboken	190	4,688	2,770	59.09	4,514	2,355	52.17	Yes	230 (46)	40 (97)	0.6 (98)	1.507 (99)	9.24 (68)	3	10.3 (65)	3.8 (5)	8.5 (22)	24.7 (12)	17.6 (84)	0
34017019800	New Jersey	Hudson	Secaucus	198	7,109	4,052	57	7,066	785	11.11	Yes	2,100 (92)	30 (83)	0.5 (95)	1.176 (98)	9.33 (70)	2	8.3 (12)	6.6 (47)	8.6 (23)	30 (39)	11.2 (19)	0
34017020100	New Jersey	Hudson	Secaucus	201	2,583	2,063	79.87	2,583	502	19.43	Yes	42 (15)	40 (97)	0.5 (95)	1.154 (98)	9.22 (67)	3	7.6 (3)	3 (2)	4.9 (2)	18.3 (2)	11.2 (19)	0
34017032400	New Jersey	Hudson	West New York	324	6,560	5,921	90.26	6,417	3,291	51.29	Yes	420 (61)	40 (97)	0.5 (95)	1.248 (98)	9.33 (70)	3	9.1 (31)	5.2 (21)	14.7 (85)	34.1 (63)	15.1 (63)	0
34039030200	New Jersey	Union	Elizabeth	302	3,170	3,105	97.95	3,153	1,820	57.72	Yes	4,300 (97)	40 (97)	0.5 (95)	0.9 (97)	8.97 (60)	3	11.5 (86)	3.7 (4)	13.4 (77)	30.9 (44)	19 (91)	1
34039030400	New Jersey	Union	Elizabeth	304	5,644	5,396	95.61	5,644	3,448	61.09	Yes	3,400 (96)	40 (97)	0.5 (95)	0.89 (97)	8.97 (60)	3	12.3 (92)	4.2 (8)	15.2 (87)	34 (62)	20.2 (94)	2
34039030500	New Jersey	Union	Elizabeth	305	5,083	4,671	91.89	5,041	2,146	42.57	Yes	6,100 (98)	50 (99)	0.5 (95)	0.878 (97)	8.96 (60)	3	10 (57)	4.1 (7)	11.8 (63)	27.5 (24)	16.2 (73)	0
34039030600	New Jersey	Union	Elizabeth	306	3,533	3,051	86.36	3,533	1,562	44.21	Yes	2,000 (92)	100 (99)	0.6 (98)	0.809 (96)	8.94 (59)	3	11.1 (81)	5 (18)	13.2 (75)	32.9 (56)	17.3 (82)	0
34039030701	New Jersey	Union	Elizabeth	307.01	1,874	1,410	75.24	1,850	465	25.14	Yes	2,500 (94)	60 (99)	0.5 (95)	0.759 (96)	8.92 (58)	3	9.2 (34)	5.2 (21)	10.4 (46)	28.4 (29)	13.9 (49)	0
34039030702	New Jersey	Union	Elizabeth	307.02	7,851	7,186	91.53	7,823	3,788	48.42	Yes	1,700 (90)	50 (99)	0.5 (95)	0.763 (96)	8.93 (59)	3	10.1 (60)	4.9 (16)	13.6 (78)	31.2 (46)	16 (71)	0
34039030802	New Jersey	Union	Elizabeth	308.02	3,205	2,757	86.02	3,019	1,091	36.14	Yes	2,700 (94)	50 (99)	0.5 (95)	0.799 (96)	8.94 (59)	3	9.6 (46)	5.2 (21)	12.3 (68)	31.1 (45)	14.3 (54)	0
34039030900	New Jersey	Union	Elizabeth	309	6,193	5,539	89.44	6,165	3,123	50.66	Yes	3,400 (96)	50 (99)	0.5 (95)	0.842 (96)	8.95 (59)	3	9.8 (52)	4.9 (16)	12.9 (73)	29.9 (38)	16.1 (72)	0
34039031000	New Jersey	Union	Elizabeth	310	3,588	3,500	97.55	3,588	1,890	52.68	Yes	3,700 (96)	50 (99)	0.5 (95)	0.853 (97)	8.96 (60)	3	10.7 (74)	3.9 (5)	14.4 (83)	30.3 (40)	18.7 (89)	0
34039031100	New Jersey	Union	Elizabeth	311	5,899	5,422	91.91	5,899	3,517	59.62	Yes	1,600 (89)	50 (99)	0.5 (95)	0.827 (96)	8.95 (60)	3	10.4 (67)	4.8 (15)	15.1 (86)	32.3 (52)	17.2 (81)	0
34039031200	New Jersey	Union	Elizabeth	312	6,418	5,823	90.73	6,195	3,346	54.01	Yes	1,500 (88)	40 (97)	0.5 (95)	0.872 (97)	8.97 (60)	3	11 (79)	4.4 (10)	14.5 (84)	34.4 (64)	16.9 (79)	0
34039031300	New Jersey	Union	Elizabeth	313	7,031	5,936	84.43	7,031	3,302	46.96	Yes	2,300 (93)	40 (97)	0.5 (95)	0.86 (97)	8.97 (60)	3	10.4 (67)	4.7 (14)	11.9 (64)	30.5 (42)	15.6 (68)	0
34039031400	New Jersey	Union	Elizabeth	314	5,470	5,242	95.83	5,452	2,750	50.44	Yes	510 (67)	40 (97)	0.5 (95)	0.831 (96)	8.96 (60)	3	12.1 (91)	4.3 (9)	14.4 (83)	35 (68)	18.1 (86)	1
34039031500	New Jersey	Union	Elizabeth	315	5,465	3,962	72.5	5,465	1,703	31.16	Yes	690 (74)	40 (97)	0.5 (95)	0.844 (97)	8.98 (60)	3	9.8 (52)	5.1 (19)	10.8 (51)	28.2 (28)	14.7 (58)	0
34039031601	New Jersey	Union	Elizabeth	316.01	3,787	3,481	91.92	3,787	1,990	52.55	Yes	1,200 (85)	40 (97)	0.5 (95)	0.813 (96)	8.96 (60)	3	10.1 (60)	4.7 (14)	13 (74)	32.2 (52)	14.7 (58)	0
34039031602	New Jersey	Union	Elizabeth	316.02	5,260	4,420	84.03	5,255	2,268	43.16	Yes	510 (67)	40 (97)	0.5 (95)	0.802 (96)	8.97 (60)	3	9.9 (54)	4.9 (16)	11.7 (62)	30.7 (43)	14.8 (59)	0
34039031700	New Jersey	Union	Elizabeth	317	5,639	5,225	92.66	5,626	2,640	46.93	Yes	990 (82)	40 (97)	0.5 (95)	0.794 (96)	8.94 (59)	3	11.3 (84)	4.8 (15)	13.5 (77)	34.7 (66)	16.4 (75)	0
34039031801	New Jersey	Union	Elizabeth	318.01	5,255	4,733	90.07	5,255	2,692	51.23	Yes	1,500 (89)	40 (97)	0.5 (95)	0.771 (96)	8.92 (58)	3	9.9 (54)	4.8 (15)	13.8 (79)	32.6 (54)	15.8 (70)	0
34039031802	New Jersey	Union	Elizabeth	318.02	3,316	3,091	93.21	3,230	1,492	46.19	Yes	1,500 (88)	40 (97)	0.5 (95)	0.789 (96)	8.94 (59)	3	9.9 (54)	4.4 (10)	12 (65)	29.9 (38)	14.8 (59)	0
34039031903	New Jersey	Union	Elizabeth	319.03	6,629	5,984	90.27	6,405	3,158	49.31	Yes	1,200 (85)	40 (97)	0.5 (95)	0.741 (95)	8.92 (58)	3	10.6 (72)	5.8 (31)	16.4 (91)	36.2 (73)	16.8 (78)	1
34039031904	New Jersey	Union	Elizabeth	319.04	2,822	2,633	93.3	2,822	1,452	51.45	Yes	2,300 (93)	40 (97)	0.5 (95)	0.749 (96)	8.93 (59)	3	11.1 (81)	6 (35)	19.1 (96)	40.1 (86)	17.2 (81)	1



34039032001	New Jersey	Union	Elizabeth	320.01	7,741	7,019	90.67	7,692	2,785	36.21	Yes	890 (80)	40 (97)	0.5 (95)	0.727 (95)	8.9 (58)	3	9.1 (31)	4.5 (11)	10.5 (47)	27.4 (24)	13.8 (48)	0
34039032002	New Jersey	Union	Elizabeth	320.02	3,849	3,151	81.87	3,638	1,080	29.69	Yes	1,300 (86)	40 (97)	0.5 (95)	0.738 (95)	8.91 (58)	3	9.1 (31)	5.9 (33)	11.8 (63)	31 (45)	13.2 (41)	0
34039032100	New Jersey	Union	Elizabeth	321	6,977	4,330	62.06	6,977	1,189	17.04	Yes	720 (75)	40 (97)	0.5 (95)	0.739 (95)	8.89 (58)	3	8.9 (26)	6.7 (49)	10 (41)	29.9 (38)	11.9 (26)	0
34039032200	New Jersey	Union	Hillside Township	322	5,844	5,737	98.17	5,793	1,331	22.98	Yes	1,100 (84)	30 (83)	0.5 (95)	0.783 (96)	8.95 (59)	2	12.1 (91)	6.1 (37)	15 (86)	42.3 (91)	14 (50)	2
34039032300	New Jersey	Union	Hillside Township	323	2,636	2,382	90.36	2,624	428	16.31	Yes	4,500 (97)	30 (83)	0.5 (95)	0.768 (96)	8.92 (59)	2	11.7 (88)	5.2 (21)	12.5 (69)	36.4 (74)	15.2 (64)	0
34039032400	New Jersey	Union	Hillside Township	324	7,240	5,500	75.97	7,196	1,821	25.31	Yes	2,800 (95)	30 (83)	0.5 (95)	0.764 (96)	8.9 (58)	2	10.4 (67)	5.6 (27)	10.9 (52)	33.1 (57)	13.7 (47)	0
34039032500	New Jersey	Union	Hillside Township	325	6,208	4,105	66.12	6,208	1,239	19.96	Yes	520 (67)	40 (97)	0.5 (95)	0.782 (96)	8.95 (59)	3	10 (57)	6.3 (41)	11.3 (57)	33 (57)	13.4 (43)	0
34039032600	New Jersey	Union	Union Township	326	5,376	4,751	88.37	5,376	968	18.01	Yes	6,300 (98)	30 (83)	0.5 (95)	0.771 (96)	8.86 (57)	2	10.5 (70)	5.1 (19)	9.8 (38)	31.7 (49)	13 (39)	0
34039032700	New Jersey	Union	Union Township	327	8,242	5,623	68.22	8,220	661	8.04	Yes	2,300 (93)	30 (83)	0.4 (81)	0.768 (96)	8.8 (55)	1	9.5 (43)	6.4 (43)	10.2 (43)	32.4 (53)	11.5 (22)	0
34039032800	New Jersey	Union	Union Township	328	4,894	4,485	91.64	4,894	1,278	26.11	Yes	3,400 (96)	30 (83)	0.4 (81)	0.646 (94)	8.78 (55)	1	11.9 (90)	5.8 (31)	14.3 (82)	40 (86)	14.6 (57)	1
34039032901	New Jersey	Union	Union Township	329.01	4,052	2,355	58.12	3,852	423	10.98	Yes	3,500 (96)	30 (83)	0.4 (81)	0.72 (95)	8.74 (54)	1	9.6 (46)	7.1 (59)	11.1 (55)	34 (62)	12.3 (30)	0
34039033000	New Jersey	Union	Union Township	330	4,480	2,464	55	4,480	696	15.54	Yes	1,400 (88)	30 (83)	0.5 (95)	0.758 (96)	8.74 (53)	2	9.4 (40)	6.6 (47)	9.5 (34)	30.5 (42)	12.3 (30)	0
34039033100	New Jersey	Union	Union Township	331	6,081	4,218	69.36	6,073	1,045	17.21	Yes	4,500 (97)	30 (83)	0.5 (95)	0.805 (96)	8.82 (56)	2	9.2 (34)	6.1 (37)	10 (41)	30.2 (40)	12 (27)	0
34039033200	New Jersey	Union	Union Township	332	3,784	2,244	59.3	3,747	425	11.34	Yes	2,100 (92)	30 (83)	0.5 (95)	0.787 (96)	8.86 (57)	2	9.6 (46)	6.5 (45)	10.6 (49)	32.3 (52)	12.4 (32)	0
34039033300	New Jersey	Union	Union Township	333	4,318	2,458	56.92	4,301	272	6.32	Yes	3,100 (95)	30 (83)	0.5 (95)	0.814 (96)	8.82 (56)	2	8.9 (26)	6.3 (41)	8.7 (24)	28.1 (27)	11.3 (20)	0
34039033500	New Jersey	Union	Union Township	335	8,459	4,588	54.24	7,151	1,178	16.47	Yes	420 (61)	40 (97)	0.5 (95)	0.766 (96)	8.88 (57)	3	9.4 (40)	6.7 (49)	8.8 (25)	28.9 (32)	12.2 (29)	0
34039033700	New Jersey	Union	Roselle Park Borough	337	4,663	2,474	53.06	4,656	767	16.47	Yes	740 (76)	30 (83)	0.4 (81)	0.718 (95)	8.84 (56)	1	8.9 (26)	6 (35)	8.7 (24)	27.2 (23)	12 (27)	0
34039033800	New Jersey	Union	Roselle Park Borough	338	5,720	3,004	52.52	5,702	890	15.61	Yes	1,400 (88)	30 (83)	0.4 (81)	0.719 (95)	8.78 (55)	1	8.7 (21)	6.2 (39)	8.9 (27)	28.2 (28)	11.5 (22)	0
34039033900	New Jersey	Union	Roselle Park Borough	339	3,198	1,985	62.07	3,198	948	29.64	Yes	980 (82)	30 (83)	0.4 (81)	0.721 (95)	8.79 (55)	1	9.6 (46)	5.4 (24)	9.6 (36)	28.5 (30)	14.1 (52)	0
34039034000	New Jersey	Union	Roselle Borough	340	6,076	5,158	84.89	6,076	2,420	39.83	Yes	940 (81)	30 (83)	0.4 (81)	0.715 (95)	8.8 (55)	1	11.3 (84)	5.6 (27)	14.2 (82)	36.9 (76)	15.8 (70)	0
34039034100	New Jersey	Union	Roselle Borough	341	3,309	2,787	84.22	3,303	1,183	35.82	Yes	200 (42)	40 (97)	0.4 (81)	0.713 (95)	8.86 (57)	2	11 (79)	6.2 (39)	14.1 (81)	38 (80)	14.4 (55)	0
34039034200	New Jersey	Union	Roselle Borough	342	3,901	3,377	86.57	3,882	1,217	31.35	Yes	260 (49)	30 (83)	0.4 (81)	0.717 (95)	8.78 (55)	1	10.7 (74)	5.3 (22)	12.2 (67)	36.4 (74)	13.6 (46)	0
34039034300	New Jersey	Union	Roselle Borough	343	3,828	3,160	82.55	3,828	406	10.61	Yes	610 (71)	30 (83)	0.4 (81)	0.712 (95)	8.77 (54)	1	10.3 (65)	6 (35)	11 (54)	34.3 (64)	12.7 (35)	0
34039034400	New Jersey	Union	Roselle Borough	344	4,523	4,338	95.91	4,523	1,999	44.2	Yes	420 (62)	40 (97)	0.4 (81)	0.708 (95)	8.82 (56)	2	11.6 (87)	5.8 (31)	15 (86)	40.3 (87)	14.7 (58)	0
34039034500	New Jersey	Union	Linden	345	4,430	3,429	77.4	4,430	1,328	29.98	Yes	810 (78)	40 (97)	0.5 (95)	0.72 (95)	8.87 (57)	3	10.7 (74)	7 (56)	15.3 (87)	38.2 (81)	14.5 (56)	0
34039034600	New Jersey	Union	Linden	346	4,524	4,318	95.45	4,524	1,447	31.99	Yes	470 (65)	40 (97)	0.4 (81)	0.71 (95)	8.83 (56)	2	12.4 (93)	5.5 (26)	14.7 (85)	41 (88)	15.7 (69)	1
34039034700	New Jersey	Union	Linden	347	4,029	3,016	74.86	4,014	780	19.43	Yes	450 (64)	40 (97)	0.4 (81)	0.705 (95)	8.79 (55)	2	10.3 (65)	6 (35)	10.7 (50)	31.7 (49)	14.3 (54)	0
34039034900	New Jersey	Union	Linden	349	6,064	3,387	55.85	6,064	1,499	24.72	Yes	500 (67)	30 (83)	0.4 (81)	0.708 (95)	8.74 (54)	1	9.3 (37)	6.8 (52)	9.2 (31)	29.8 (37)	12.6 (34)	0
34039035000	New Jersey	Union	Linden	350	3,087	1,966	63.69	3,087	507	16.42	Yes	150 (36)	30 (83)	0.4 (81)	0.699 (95)	8.74 (54)	1	9.3 (37)	6.3 (41)	8.9 (27)	28.9 (32)	12.7 (35)	0
34039035100	New Jersey	Union	Linden	351	4,169	3,195	76.64	4,160	1,670	40.14	Yes	240 (47)	40 (97)	0.5 (95)	0.709 (95)	8.82 (56)	3	10.7 (74)	5.5 (26)	11.1 (55)	31.9 (50)	14.6 (57)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
34039035200	New Jersey	Union	Linden	352	2,581	1,969	76.29	2,581	519	20.11	Yes	2,300 (93)	100 (99)	0.6 (98)	0.752 (96)	8.89 (58)	3	9.8 (52)	5.6 (27)	11.1 (55)	31.5 (48)	14.2 (53)	0
34039035300	New Jersey	Union	Linden	353	5,729	3,896	68	5,530	1,332	24.09	Yes	1,400 (88)	40 (97)	0.5 (95)	0.706 (95)	8.8 (55)	3	10.4 (67)	6.4 (43)	11.5 (59)	33.8 (61)	14.9 (61)	0
34039035400	New Jersey	Union	Linden	354	2,808	1,452	51.71	2,736	634	23.17	Yes	1,500 (89)	40 (97)	0.5 (95)	0.713 (95)	8.8 (55)	3	10 (57)	6.4 (43)	10.5 (47)	32.7 (55)	14.1 (52)	0
34039035500	New Jersey	Union	Rahway	355	7,085	4,605	65	7,085	1,491	21.04	Yes	540 (68)	30 (83)	0.4 (81)	0.698 (95)	8.68 (52)	1	10.3 (65)	6.5 (45)	11.5 (59)	33.3 (58)	14.3 (54)	0
34039035700	New Jersey	Union	Rahway	357	5,698	3,375	59.23	5,698	850	14.92	Yes	810 (78)	30 (83)	0.4 (81)	0.683 (95)	8.62 (50)	1	9.4 (40)	6.4 (43)	9.3 (32)	29.5 (36)	12.4 (32)	0
34039035800	New Jersey	Union	Rahway	358	3,861	3,166	82	3,829	1,476	38.55	Yes	870 (79)	30 (83)	0.4 (81)	0.68 (94)	8.63 (50)	1	11.3 (84)	6.3 (41)	14 (81)	38.9 (83)	14.4 (55)	0
34039035900	New Jersey	Union	Rahway	359	3,950	2,837	71.82	3,950	820	20.76	Yes	360 (57)	30 (83)	0.4 (81)	0.684 (95)	8.64 (51)	1	9.6 (46)	5 (18)	9.8 (38)	29.8 (37)	13 (39)	0
34039036000	New Jersey	Union	Rahway	360	5,257	4,397	83.64	5,143	851	16.55	Yes	1,100 (84)	30 (83)	0.5 (95)	0.683 (95)	8.68 (52)	2	10.3 (65)	6.3 (41)	11.9 (64)	35.8 (71)	12.3 (30)	0
34039038000	New Jersey	Union	Summit	380	5,803	3,051	52.58	5,687	1,032	18.15	Yes	1,200 (85)	30 (83)	0.4 (81)	0.482 (86)	8.56 (48)	0	8.7 (21)	6.4 (43)	8.9 (27)	28.5 (30)	11.3 (20)	0
34039038800	New Jersey	Union	Plainfield	388	4,776	4,505	94.33	4,652	1,952	41.96	Yes	410 (61)	30 (83)	0.4 (81)	0.434 (82)	8.43 (45)	0	11.7 (88)	5.6 (27)	15.5 (88)	41 (88)	15.2 (64)	0
34039038900	New Jersey	Union	Plainfield	389	5,893	5,527	93.79	5,717	2,573	45.01	Yes	130 (32)	30 (83)	0.4 (81)	0.418 (80)	8.4 (44)	0	12.2 (92)	5.1 (19)	15.5 (88)	38.8 (83)	17.5 (83)	1
34039039000	New Jersey	Union	Plainfield	390	3,885	3,513	90.42	3,774	1,532	40.59	Yes	430 (62)	30 (83)	0.3 (47)	0.392 (77)	8.4 (44)	0	11.2 (82)	4.6 (12)	14.3 (82)	34.6 (66)	16.9 (79)	0
34039039100	New Jersey	Union	Plainfield	391	3,163	1,923	60.8	3,163	383	12.11	Yes	140 (34)	30 (83)	0.4 (81)	0.405 (79)	8.44 (45)	0	9.9 (54)	6.7 (49)	11.1 (55)	35.5 (70)	11 (17)	0
34039039200	New Jersey	Union	Plainfield	392	5,726	5,023	87.72	5,726	2,349	41.02	Yes	210 (44)	30 (83)	0.3 (47)	0.38 (75)	8.4 (44)	0	11.3 (84)	4.6 (12)	13.8 (79)	35.5 (70)	16.4 (75)	0
34039039300	New Jersey	Union	Plainfield	393	6,378	6,270	98.31	6,301	4,058	64.4	Yes	570 (70)	30 (83)	0.4 (81)	0.417 (80)	8.38 (43)	0	11.5 (86)	3.2 (2)	13.3 (76)	30.9 (44)	20.4 (95)	1
34039039400	New Jersey	Union	Plainfield	394	4,714	4,621	98.03	4,689	2,192	46.75	Yes	370 (58)	30 (83)	0.4 (81)	0.452 (83)	8.34 (42)	0	10.7 (74)	4 (6)	11.3 (57)	31.5 (48)	15.7 (69)	0
34039039500	New Jersey	Union	Plainfield	395	5,748	5,592	97.29	5,727	2,500	43.65	Yes	130 (33)	30 (83)	0.4 (81)	0.46 (84)	8.34 (42)	0	11.3 (84)	4.3 (9)	13.2 (75)	33.2 (58)	16.6 (77)	0
34039039600	New Jersey	Union	Plainfield	396	4,645	4,198	90.38	4,631	2,400	51.82	Yes	110 (30)	30 (83)	0.4 (81)	0.398 (78)	8.37 (43)	0	11.9 (90)	5.7 (29)	16.5 (91)	42.1 (90)	15.8 (70)	3
34039039700	New Jersey	Union	Plainfield	397	5,434	4,701	86.51	5,186	1,763	34	Yes	63 (20)	30 (83)	0.3 (47)	0.376 (75)	8.39 (44)	0	11.5 (86)	6.8 (52)	15.3 (87)	41.9 (90)	14.2 (53)	1
34039039800	New Jersey	Union	Elizabeth	398	4,887	4,044	82.75	4,694	2,966	63.19	Yes	1,900 (91)	40 (97)	0.5 (95)	1.2 (98)	9 (61)	3	11.5 (86)	3.9 (5)	12.3 (68)	30.3 (40)	19.1 (91)	1
34039039900	New Jersey	Union	Elizabeth	399	1,747	1,550	88.72	1,255	885	70.52	Yes	2,000 (92)	40 (97)	0.5 (95)	0.795 (96)	8.94 (59)	3	10 (57)	4.4 (10)	13.3 (76)	34.7 (66)	16.5 (76)	0
36005000100	New York	Bronx	West Queens	1	6,864	6,261	91.22	0	0	0	Yes	5.9 (4)	40 (97)	0.6 (98)	1.271 (98)	9.03 (62)	3	11.8 (89)	2.2 (1)	10.6 (49)	30 (39)	19.3 (92)	1
36005000200	New York	Bronx	Pelham-Throgs Neck	2	4,532	4,499	99.27	4,532	1,903	41.99	Yes	9 (5)	40 (97)	0.6 (98)	1.147 (98)	8.94 (59)	3	10.7 (74)	5.1 (19)	14 (81)	32 (51)	13.1 (40)	0
36005000400	New York	Bronx	Pelham-Throgs Neck	4	5,516	5,129	92.98	5,503	1,168	21.22	Yes	59 (20)	40 (97)	0.6 (98)	1.122 (98)	8.9 (58)	3	10.1 (60)	4.7 (14)	11.5 (59)	29.2 (34)	11.7 (24)	0
36005001600	New York	Bronx	Pelham-Throgs Neck	16	5,825	5,612	96.34	5,603	3,300	58.9	Yes	180 (39)	40 (97)	0.6 (98)	1.089 (98)	8.95 (59)	3	11.9 (90)	5.8 (31)	16.8 (92)	38.4 (82)	14.6 (57)	2

36005001900	New York	Bronx	Hunts Point - Mott Haven	19	3,141	2,801	89.18	2,983	1,560	52.3	Yes	7,600 (99)	40 (97)	0.7 (99)	1.442 (99)	9.16 (65)	3	11 (79)	3.6 (3)	12.2 (67)	28.6 (30)	15.4 (66)	0
36005002000	New York	Bronx	Pelham - Throgs Neck	20	9,040	9,019	99.77	8,984	5,951	66.24	Yes	49 (17)	40 (97)	0.6 (98)	1.207 (98)	8.98 (60)	3	13.7 (97)	5 (18)	18.5 (95)	39.1 (84)	18 (86)	2
36005002300	New York	Bronx	Hunts Point - Mott Haven	23	4,302	4,301	99.98	4,301	3,013	70.05	Yes	7,400 (99)	40 (97)	0.7 (99)	1.567 (99)	9.2 (66)	3	14.3 (98)	5.4 (24)	21.9 (98)	41 (88)	20 (94)	3
36005002400	New York	Bronx	Pelham - Throgs Neck	24	155	90	58.06	155	0	0	Yes	11 (6)	30 (83)	0.5 (95)	1.241 (98)	8.99 (61)	2						
36005002500	New York	Bronx	Hunts Point - Mott Haven	25	5,610	5,390	96.08	5,577	3,445	61.77	Yes	6,400 (98)	40 (97)	0.6 (98)	1.521 (99)	9.18 (66)	3	12.4 (93)	4.3 (9)	16.7 (92)	33.1 (57)	17.9 (85)	2
36005002701	New York	Bronx	Hunts Point - Mott Haven	27.01	2,608	2,608	100	2,608	2,047	78.49	Yes	8,900 (99)	40 (97)	0.6 (98)	1.426 (99)	9.16 (65)	3	13.9 (98)	4.6 (12)	19 (96)	37.3 (78)	19.9 (94)	3
36005002702	New York	Bronx	Hunts Point - Mott Haven	27.02	4,560	4,524	99.21	4,423	3,225	72.91	Yes	4,100 (97)	40 (97)	0.6 (98)	1.399 (99)	9.16 (65)	3	13.4 (97)	4 (6)	17.4 (93)	33.1 (57)	20.1 (94)	3
36005002800	New York	Bronx	Pelham - Throgs Neck	28	5,151	5,100	99.01	5,121	1,409	27.51	Yes	2,700 (94)	40 (97)	0.6 (98)	1.251 (98)	9.03 (62)	3	12.4 (93)	6.4 (43)	14.3 (82)	39.7 (85)	12 (27)	1
36005003100	New York	Bronx	Hunts Point - Mott Haven	31	1,689	1,665	98.58	1,689	743	43.99	Yes	1,400 (87)	40 (97)	0.6 (98)	1.328 (98)	9.12 (64)	3	11.5 (86)	4.1 (7)	12.8 (72)	30 (39)	14.9 (61)	0
36005003300	New York	Bronx	Hunts Point - Mott Haven	33	3,277	3,185	97.19	3,246	2,392	73.69	Yes	850 (79)	40 (97)	0.6 (98)	1.37 (99)	9.15 (65)	3	13.8 (98)	4.3 (9)	18.7 (96)	35.5 (70)	20 (94)	3
36005003500	New York	Bronx	Hunts Point - Mott Haven	35	3,907	3,890	99.56	3,887	2,417	62.18	Yes	670 (74)	40 (97)	0.6 (98)	1.331 (98)	9.13 (65)	3	12.4 (93)	4.3 (9)	15.7 (89)	32 (51)	17.3 (82)	1
36005003700	New York	Bronx	Hunts Point - Mott Haven	37	250	229	91.6	250	123	49.2	Yes	300 (52)	40 (97)	0.6 (98)	1.383 (99)	9.15 (65)	3	12.8 (95)	4.6 (12)	19 (96)	37.3 (78)	17.7 (84)	2
36005003800	New York	Bronx	Pelham - Throgs Neck	38	1,350	1,350	100	1,328	572	43.07	Yes	79 (23)	40 (97)	0.6 (98)	1.171 (98)	8.97 (60)	3	11.9 (90)	4.7 (14)	14.2 (82)	33.2 (58)	15 (62)	1
36005003900	New York	Bronx	Hunts Point - Mott Haven	39	6,260	5,740	91.69	6,152	4,014	65.25	Yes	2,800 (95)	40 (97)	0.6 (98)	1.534 (99)	9.18 (66)	3	12.1 (91)	4.4 (10)	16.8 (92)	32.3 (52)	18.3 (88)	2
36005004001	New York	Bronx	Pelham - Throgs Neck	40.01	1,475	1,347	91.32	1,475	457	30.98	Yes	2,500 (94)	40 (97)	0.5 (95)	1.004 (97)	8.96 (60)	3	10.7 (74)	6 (35)	16.6 (91)	35.3 (69)	13.2 (41)	1
36005004100	New York	Bronx	Hunts Point - Mott Haven	41	5,942	5,840	98.28	5,907	4,155	70.34	Yes	720 (75)	40 (97)	0.6 (98)	1.515 (99)	9.17 (66)	3	13.6 (97)	4.7 (14)	20.7 (98)	37.4 (78)	20.1 (94)	3
36005004200	New York	Bronx	Pelham - Throgs Neck	42	7,697	7,288	94.69	7,660	3,438	44.88	Yes	3,500 (96)	40 (97)	0.5 (95)	1.067 (97)	8.97 (60)	3	13 (95)	5.7 (29)	18.2 (95)	40.1 (86)	15.9 (71)	2
36005004300	New York	Bronx	Hunts Point - Mott Haven	43	5,552	5,488	98.85	5,534	3,891	70.31	Yes	910 (80)	40 (97)	0.6 (98)	1.481 (99)	9.17 (65)	3	13 (95)	4.5 (11)	18.3 (95)	35.7 (71)	18.8 (90)	3
36005004400	New York	Bronx	Pelham - Throgs Neck	44	4,401	4,107	93.32	4,209	3,128	74.32	Yes	4,900 (98)	40 (97)	0.6 (98)	1.075 (98)	8.99 (61)	3	14.5 (99)	5.8 (31)	21.9 (98)	41.5 (89)	19.6 (93)	3
36005004600	New York	Bronx	Pelham - Throgs Neck	46	1,961	1,866	95.16	1,946	1,272	65.36	Yes	5,100 (98)	40 (97)	0.6 (98)	1.154 (98)	9 (61)	3	12.8 (95)	5.8 (31)	18.7 (96)	37.2 (77)	16 (71)	2
36005004800	New York	Bronx	Pelham - Throgs Neck	48	4,563	4,535	99.39	4,534	2,391	52.73	Yes	3,100 (95)	40 (97)	0.6 (98)	1.122 (98)	9.02 (61)	3	12.1 (91)	4.2 (8)	15.2 (87)	31 (45)	17.6 (84)	1
36005005001	New York	Bronx	Pelham - Throgs Neck	50.01	4,604	4,562	99.09	4,431	2,832	63.91	Yes	4,300 (97)	40 (97)	0.6 (98)	1.132 (98)	9.03 (62)	3	13.3 (96)	4.3 (9)	17.3 (93)	34 (62)	19 (91)	3
36005005002	New York	Bronx	Pelham - Throgs Neck	50.02	5,592	5,532	98.93	5,552	3,824	68.88	Yes	2,000 (92)	40 (97)	0.6 (98)	1.124 (98)	9.04 (62)	3	12.4 (93)	3.9 (5)	16.4 (91)	32 (51)	18.7 (89)	2
36005005100	New York	Bronx	High Bridge - Morrisania	51	5,737	5,737	100	5,728	3,957	69.08	Yes	960 (81)	40 (97)	0.7 (99)	1.576 (99)	9.2 (67)	3	14.6 (99)	5.1 (19)	20.1 (97)	37.7 (79)	20.4 (95)	3
36005005200	New York	Bronx	Pelham - Throgs Neck	52	1,956	1,956	100	1,956	1,292	66.05	Yes	2,600 (94)	40 (97)	0.6 (98)	1.14 (98)	9.05 (62)	3	12.4 (93)	4.8 (15)	16.5 (91)	36.4 (74)	16.4 (75)	2
36005005300	New York	Bronx	Crotona - Tremont	53	4,888	4,832	98.85	4,867	4,036	82.93	Yes	4,000 (97)	40 (97)	0.6 (98)	1.278 (98)	9.22 (67)	3	15.6 (99)	4.3 (9)	18.6 (95)	38.5 (82)	21.6 (97)	3
36005005400	New York	Bronx	Pelham - Throgs Neck	54	5,324	5,246	98.53	5,324	3,094	58.11	Yes	930 (81)	40 (97)	0.6 (98)	1.131 (98)	9.05 (62)	3	12.8 (95)	4.2 (8)	15.7 (89)	33.7 (61)	18.5 (88)	1
36005005600	New York	Bronx	Pelham - Throgs Neck	56	2,279	2,224	97.59	2,279	1,263	55.42	Yes	2,100 (92)	40 (97)	0.6 (98)	1.123 (98)	9.05 (62)	3	12.2 (92)	5.2 (21)	18 (94)	37.1 (77)	16.7 (77)	2
36005005902	New York	Bronx	High Bridge - Morrisania	59.02	2,751	2,618	95.17	2,751	1,684	61.21	Yes	1,300 (86)	40 (97)	0.7 (99)	1.565 (99)	9.2 (66)	3	12.1 (91)	5.5 (26)	18.2 (95)	38.2 (81)	15 (62)	2
36005006000	New York	Bronx	Crotona - Tremont	60	1,386	1,377	99.35	1,386	845	60.97	Yes	5,600 (98)	40 (97)	0.6 (98)	1.124 (98)	9.05 (62)	3	11.1 (81)	4.5 (11)	15.7 (89)	31.4 (47)	15.1 (63)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36005006100	New York	Bronx	High Bridge - Morrisania	61	3,720	3,607	96.96	3,720	1,060	28.49	Yes	1,000 (82)	40 (97)	0.7 (99)	1.56 (99)	9.19 (66)	3	12.2 (92)	8.8 (91)	17.9 (94)	48.2 (97)	10.6 (13)	4	
36005006200	New York	Bronx	Pelham - Throgs Neck	62	7,233	7,116	98.38	7,233	5,581	77.16	Yes	4,600 (97)	40 (97)	0.6 (98)	1.116 (98)	9.04 (62)	3	13.8 (98)	5.1 (19)	19.3 (96)	37.9 (80)	18.7 (89)	2	
36005006300	New York	Bronx	High Bridge - Morrisania	63	4,582	4,120	89.92	4,571	2,227	48.72	Yes	2,500 (94)	40 (97)	0.6 (98)	1.573 (99)	9.22 (67)	3	11.4 (85)	4.7 (14)	14.5 (84)	32.5 (54)	14.4 (55)	0	
36005006400	New York	Bronx	Pelham - Throgs Neck	64	3,932	3,738	95.07	3,855	2,011	52.17	Yes	3,700 (96)	40 (97)	0.6 (98)	1.109 (98)	9.03 (62)	3	12.5 (93)	5.4 (24)	17.1 (93)	36.6 (75)	16.2 (73)	2	
36005006500	New York	Bronx	High Bridge - Morrisania	65	5,377	5,079	94.46	5,328	3,666	68.81	Yes	810 (78)	40 (97)	0.7 (99)	1.563 (99)	9.19 (66)	3	12.5 (93)	4.3 (9)	16.1 (90)	33.6 (60)	17.3 (82)	2	
36005006700	New York	Bronx	Hunts Point - Mott Haven	67	6,705	6,687	99.73	6,705	4,259	63.52	Yes	890 (80)	40 (97)	0.7 (99)	1.538 (99)	9.18 (66)	3	13.3 (96)	4.5 (11)	17.7 (94)	36.3 (74)	19.2 (91)	3	
36005006800	New York	Bronx	Pelham - Throgs Neck	68	3,230	3,230	100	3,230	1,601	49.57	Yes	2,500 (94)	40 (97)	0.6 (98)	1.107 (98)	9.02 (61)	3	11.8 (89)	4.9 (16)	15.2 (87)	33.7 (61)	14.8 (59)	0	
36005006900	New York	Bronx	High Bridge - Morrisania	69	7,801	7,488	95.99	7,747	4,442	57.34	Yes	950 (81)	40 (97)	0.7 (99)	1.51 (99)	9.17 (65)	3	12.5 (93)	4.4 (10)	14.9 (85)	32.8 (55)	16.5 (76)	1	
36005007000	New York	Bronx	Pelham - Throgs Neck	70	4,378	4,227	96.55	4,362	2,471	56.65	Yes	1,800 (91)	40 (97)	0.6 (98)	1.084 (98)	8.99 (61)	3	11.7 (88)	4.4 (10)	14.7 (85)	32.3 (52)	15.8 (70)	0	
36005007100	New York	Bronx	High Bridge - Morrisania	71	2,795	2,743	98.14	2,732	1,266	46.34	Yes	890 (80)	40 (97)	0.6 (98)	1.421 (99)	9.15 (65)	3	11.3 (84)	4.9 (16)	14 (81)	32.6 (54)	13.4 (43)	0	
36005007200	New York	Bronx	Pelham - Throgs Neck	72	6,255	5,882	94.04	6,211	3,250	52.33	Yes	2,900 (95)	40 (97)	0.5 (95)	1.036 (97)	8.97 (60)	3	10.6 (72)	4.4 (10)	15.5 (88)	31.4 (47)	14.6 (57)	0	
36005007300	New York	Bronx	Hunts Point - Mott Haven	73	4,297	4,225	98.32	4,276	3,167	74.06	Yes	500 (66)	40 (97)	0.6 (98)	1.348 (99)	9.13 (64)	3	13.6 (97)	4.5 (11)	19.6 (97)	36.3 (74)	20.3 (95)	3	
36005007400	New York	Bronx	Pelham - Throgs Neck	74	3,634	3,555	97.83	3,634	1,514	41.66	Yes	45 (16)	40 (97)	0.5 (95)	1.015 (97)	8.92 (58)	3	11.9 (90)	5.9 (33)	16.8 (92)	38 (80)	13.7 (47)	2	
36005007500	New York	Bronx	High Bridge - Morrisania	75	6,692	6,631	99.09	6,681	3,919	58.66	Yes	520 (68)	40 (97)	0.6 (98)	1.358 (99)	9.13 (65)	3	12.5 (93)	5 (18)	16.8 (92)	35.7 (71)	16.4 (75)	2	
36005007600	New York	Bronx	Pelham - Throgs Neck	76	5,311	5,103	96.08	5,266	3,046	57.84	Yes	2,600 (94)	40 (97)	0.6 (98)	1.097 (98)	9.01 (61)	3	12.4 (93)	4.5 (11)	16.9 (92)	33.7 (61)	17.8 (85)	2	
36005007700	New York	Bronx	High Bridge - Morrisania	77	2,022	1,960	96.93	2,011	1,260	62.66	Yes	600 (71)	40 (97)	0.6 (98)	1.317 (98)	9.12 (64)	3	12.1 (91)	4.1 (7)	15.6 (88)	32.3 (52)	16.9 (79)	1	
36005007800	New York	Bronx	Pelham - Throgs Neck	78	7,415	7,195	97.03	7,390	3,800	51.42	Yes	5,200 (98)	40 (97)	0.5 (95)	0.96 (97)	8.94 (59)	3	11.4 (85)	4.5 (11)	15.1 (86)	32.1 (51)	15.5 (67)	0	
36005007900	New York	Bronx	Hunts Point - Mott Haven	79	7,188	7,178	99.86	7,163	5,056	70.59	Yes	480 (65)	40 (97)	0.6 (98)	1.321 (98)	9.12 (64)	3	13 (95)	4.7 (14)	18.3 (95)	35.8 (71)	18.6 (89)	2	
36005008300	New York	Bronx	Hunts Point - Mott Haven	83	6,713	6,578	97.99	6,706	4,202	62.66	Yes	1,700 (90)	40 (97)	0.6 (98)	1.317 (98)	9.11 (64)	3	12.2 (92)	4.1 (7)	16.2 (90)	32.2 (52)	17.5 (83)	2	
36005008400	New York	Bronx	Pelham - Throgs Neck	84	2,899	2,834	97.76	2,878	708	24.6	Yes	79 (24)	40 (97)	0.6 (98)	1.086 (98)	8.89 (58)	3	10.2 (62)	5 (18)	11.4 (58)	29.8 (37)	11.3 (20)	0	
36005008500	New York	Bronx	Hunts Point - Mott Haven	85	5,631	5,565	98.83	5,349	3,176	59.38	Yes	1,500 (88)	40 (97)	0.6 (98)	1.314 (98)	9.1 (63)	3	12 (90)	4.4 (10)	15.7 (89)	31.9 (50)	16.6 (77)	1	
36005008600	New York	Bronx	Pelham - Throgs Neck	86	3,936	3,871	98.35	3,833	2,603	67.91	Yes	35 (14)	40 (97)	0.5 (95)	1.001 (97)	8.91 (58)	3	13.1 (96)	5.5 (26)	18.4 (95)	37.4 (78)	17.2 (81)	2	
36005008700	New York	Bronx	Hunts Point - Mott Haven	87	6,127	6,011	98.11	5,968	4,434	74.3	Yes	1,800 (91)	40 (97)	0.6 (98)	1.31 (98)	9.09 (63)	3	12.3 (92)	4.7 (14)	17.6 (94)	34.1 (63)	17.5 (83)	2	
36005008900	New York	Bronx	Hunts Point - Mott Haven	89	3,218	3,170	98.51	3,215	1,981	61.62	Yes	4,500 (97)	40 (97)	0.6 (98)	1.304 (98)	9.08 (63)	3	11.9 (90)	5.1 (19)	19.2 (96)	35.3 (69)	17.1 (80)	2	
36005009000	New York	Bronx	Pelham - Throgs Neck	90	3,459	3,404	98.41	3,434	2,289	66.66	Yes	300 (52)	40 (97)	0.5 (95)	0.936 (97)	8.88 (57)	3	12.7 (94)	4.9 (16)	17.1 (93)	34.6 (66)	16.7 (77)	2	



36005009200	New York	Bronx	Pelham - Throgs Neck	92	5,848	5,590	95.59	5,820	2,653	45.58	Yes	4,100 (97)	40 (97)	0.5 (95)	0.961 (97)	8.94 (59)	3	10.4 (67)	4.5 (11)	13.5 (77)	29.8 (37)	13.8 (48)	0
36005009300	New York	Bronx	Hunts Point - Mott Haven	93	6,154	6,015	97.74	5,461	3,652	66.87	Yes	1,300 (86)	40 (97)	0.6 (98)	1.283 (98)	9.06 (62)	3	12.3 (92)	3.6 (3)	14.9 (85)	31.9 (50)	18.5 (88)	1
36005009600	New York	Bronx	Pelham - Throgs Neck	96	2,792	2,613	93.59	2,590	1,205	46.53	Yes	2,500 (94)	40 (97)	0.5 (95)	0.93 (97)	8.91 (58)	3	11.1 (81)	6.1 (37)	15.9 (89)	34 (62)	14.1 (52)	0
36005009800	New York	Bronx	Pelham - Throgs Neck	98	4,756	4,589	96.49	4,687	1,205	25.71	Yes	3,500 (96)	40 (97)	0.5 (95)	0.943 (97)	8.92 (58)	3	10.3 (65)	5.3 (22)	12.3 (68)	32.1 (51)	11.6 (23)	0
36005011502	New York	Bronx	Hunts Point - Mott Haven	115.02	4,582	4,549	99.28	4,394	3,005	68.39	Yes	4,300 (97)	40 (97)	0.6 (98)	1.289 (98)	9.05 (62)	3	12.1 (91)	4 (6)	14.9 (85)	32.3 (52)	17.1 (80)	1
36005011700	New York	Bronx	Hunts Point - Mott Haven	117	1,443	1,427	98.89	1,443	1,059	73.39	Yes	960 (81)	40 (97)	0.6 (98)	1.283 (98)	9.01 (61)	3	13.3 (96)	4.5 (11)	18.5 (95)	35.8 (71)	18.7 (89)	2
36005011900	New York	Bronx	Hunts Point - Mott Haven	119	5,440	5,241	96.34	5,437	3,705	68.14	Yes	5,400 (98)	40 (97)	0.6 (98)	1.283 (98)	9.07 (63)	3	12.9 (95)	4.6 (12)	17.5 (94)	35.8 (71)	18.2 (87)	2
36005012101	New York	Bronx	Hunts Point - Mott Haven	121.01	3,070	2,994	97.52	2,983	1,516	50.82	Yes	1,500 (88)	40 (97)	0.6 (98)	1.147 (98)	9.08 (63)	3	12.1 (91)	4.1 (7)	14.8 (85)	34.3 (64)	16.7 (77)	1
36005012102	New York	Bronx	Hunts Point - Mott Haven	121.02	1,447	1,442	99.65	1,447	1,059	73.19	Yes	3,700 (96)	40 (97)	0.6 (98)	1.176 (98)	9.07 (63)	3	13.5 (97)	4.3 (9)	18.3 (95)	34.5 (65)	20 (94)	3
36005012300	New York	Bronx	Hunts Point - Mott Haven	123	4,268	4,217	98.81	4,237	2,237	52.8	Yes	1,100 (83)	40 (97)	0.6 (98)	1.141 (98)	9.07 (63)	3	11.9 (90)	4.4 (10)	13.9 (80)	31.5 (48)	15.8 (70)	1
36005012500	New York	Bronx	Hunts Point - Mott Haven	125	3,860	3,807	98.63	3,858	2,058	53.34	Yes	410 (61)	40 (97)	0.6 (98)	1.16 (98)	9.1 (63)	3	12.5 (93)	4 (6)	15.5 (88)	32.9 (56)	17.2 (81)	1
36005012701	New York	Bronx	Hunts Point - Mott Haven	127.01	1,928	1,892	98.13	1,918	1,233	64.29	Yes	1,300 (86)	40 (97)	0.6 (98)	1.262 (98)	9.08 (63)	3	11.9 (90)	4.8 (15)	18.3 (95)	36 (72)	16.2 (73)	2
36005012901	New York	Bronx	Hunts Point - Mott Haven	129.01	4,419	4,300	97.31	4,406	2,973	67.48	Yes	1,100 (84)	40 (97)	0.6 (98)	1.311 (98)	9.1 (63)	3	12.6 (94)	4.6 (12)	16.9 (92)	35.6 (70)	17.5 (83)	2
36005013000	New York	Bronx	Pelham - Throgs Neck	130	1,476	818	55.42	1,476	163	11.04	Yes	4,200 (97)	30 (83)	0.5 (95)	0.81 (96)	8.75 (54)	2	9.7 (49)	7.1 (59)	11 (54)	30.9 (44)	10.9 (16)	0
36005013100	New York	Bronx	Hunts Point - Mott Haven	131	5,084	4,980	97.95	5,080	2,863	56.36	Yes	500 (66)	40 (97)	0.6 (98)	1.301 (98)	9.1 (63)	3	12.4 (93)	4.2 (8)	14.5 (84)	31.6 (48)	16.7 (77)	1
36005013200	New York	Bronx	Pelham - Throgs Neck	132	7,272	5,229	71.91	7,257	779	10.73	Yes	320 (54)	30 (83)	0.5 (95)	0.859 (97)	8.77 (54)	2	9.3 (37)	6.2 (39)	9.4 (33)	27.6 (25)	10.1 (9)	0
36005013300	New York	Bronx	High Bridge - Morrisania	133	6,000	5,949	99.15	5,966	3,057	51.24	Yes	910 (80)	40 (97)	0.6 (98)	1.319 (98)	9.12 (64)	3	13.4 (97)	5.3 (22)	17.7 (94)	37.4 (78)	17 (80)	2
36005013500	New York	Bronx	High Bridge - Morrisania	135	3,590	3,590	100	3,590	2,165	60.31	Yes	480 (65)	40 (97)	0.6 (98)	1.268 (98)	9.12 (64)	3	13.4 (97)	4.9 (16)	16.7 (92)	36.1 (73)	17 (80)	2
36005014100	New York	Bronx	High Bridge - Morrisania	141	5,851	5,746	98.21	5,835	3,590	61.53	Yes	1,300 (86)	40 (97)	0.6 (98)	1.465 (99)	9.16 (65)	3	12.7 (94)	4.3 (9)	14.8 (85)	32.5 (54)	16.9 (79)	1
36005014300	New York	Bronx	High Bridge - Morrisania	143	1,482	1,469	99.12	1,464	1,207	82.45	Yes	750 (76)	40 (97)	0.6 (98)	1.456 (99)	9.16 (65)	3	13.8 (98)	5.4 (24)	23.5 (99)	47 (96)	17.8 (85)	3
36005014400	New York	Bronx	Pelham - Throgs Neck	144	5,138	5,038	98.05	5,055	2,998	59.31	Yes	1,900 (91)	30 (83)	0.5 (95)	0.87 (97)	8.79 (55)	2	12.7 (94)	5.7 (29)	17.7 (94)	37.7 (79)	16.1 (72)	2
36005014500	New York	Bronx	High Bridge - Morrisania	145	7,436	7,203	96.87	7,173	5,566	77.6	Yes	560 (69)	40 (97)	0.6 (98)	1.229 (98)	9.15 (65)	3	14.9 (99)	4.7 (14)	19.9 (97)	39.5 (85)	20.7 (96)	3
36005014701	New York	Bronx	High Bridge - Morrisania	147.01	7,003	6,949	99.23	6,866	5,829	84.9	Yes	460 (64)	40 (97)	0.6 (98)	1.202 (98)	9.14 (65)	3	15.9 (100)	4.6 (12)	21.7 (98)	40.5 (87)	22.5 (98)	3
36005014702	New York	Bronx	High Bridge - Morrisania	147.02	5,435	5,371	98.82	5,435	3,539	65.12	Yes	630 (72)	40 (97)	0.6 (98)	1.205 (98)	9.15 (65)	3	14.3 (98)	4.7 (14)	17.8 (94)	38.1 (81)	19 (91)	3
36005014900	New York	Bronx	High Bridge - Morrisania	149	4,419	4,328	97.94	4,201	2,451	58.34	Yes	440 (63)	40 (97)	0.6 (98)	1.167 (98)	9.13 (64)	3	13.3 (96)	4.9 (16)	17.4 (93)	37.8 (80)	17.5 (83)	2
36005015100	New York	Bronx	Hunts Point - Mott Haven	151	5,309	5,235	98.61	5,261	3,456	65.69	Yes	630 (72)	40 (97)	0.6 (98)	1.167 (98)	9.11 (64)	3	12.8 (95)	4.1 (7)	14.1 (81)	33.8 (61)	16.3 (74)	1
36005015200	New York	Bronx	Pelham - Throgs Neck	152	2,481	1,691	68.16	2,481	869	35.03	Yes	2,700 (95)	40 (97)	0.5 (95)	0.876 (97)	8.81 (55)	3	10.2 (62)	6.6 (47)	11.6 (61)	29.5 (36)	12.2 (29)	0
36005015300	New York	Bronx	Hunts Point - Mott Haven	153	4,474	4,460	99.69	4,425	2,771	62.62	Yes	830 (78)	40 (97)	0.6 (98)	1.155 (98)	9.1 (63)	3	13.3 (96)	4.5 (11)	16.7 (92)	37.3 (78)	17.1 (80)	2
36005015500	New York	Bronx	Crotona - Tremont	155	2,927	2,927	100	2,927	2,198	75.09	Yes	1,800 (91)	40 (97)	0.6 (98)	1.144 (98)	9.1 (63)	3	12.8 (95)	5 (18)	19.4 (96)	37.3 (78)	18.2 (87)	2
36005015700	New York	Bronx	Crotona - Tremont	157	4,704	4,650	98.85	4,682	2,871	61.32	Yes	910 (80)	40 (97)	0.6 (98)	1.145 (98)	9.08 (63)	3	12.9 (95)	4.1 (7)	15.5 (88)	32.8 (55)	17.5 (83)	1

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th (Percentile)	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36005015800	New York	Bronx	Pelham - Throgs Neck	158	1,314	782	59.51	1,311	347	26.47	Yes	3,100 (95)	30 (83)	0.5 (95)	0.85 (97)	8.78 (54)	2	10.1 (60)	6.2 (39)	10 (41)	27.5 (24)	12.4 (32)	0	
36005015900	New York	Bronx	Hunts Point Mott Haven	159	1,969	1,955	99.29	1,959	1,400	71.47	Yes	3,200 (96)	40 (97)	0.6 (98)	1.298 (98)	9.09 (63)	3	12.6 (94)	5.1 (19)	20.3 (97)	37.4 (78)	18.5 (88)	2	
36005016100	New York	Bronx	Crotona - Tremont	161	4,650	4,623	99.42	4,650	3,375	72.58	Yes	4,100 (97)	40 (97)	0.6 (98)	1.135 (98)	9.08 (63)	3	14 (98)	5 (18)	20 (97)	38.4 (82)	19.5 (92)	3	
36005016200	New York	Bronx	Pelham - Throgs Neck	162	1,870	1,279	68.4	1,675	525	31.34	Yes	1,600 (89)	40 (97)	0.5 (95)	0.87 (97)	8.8 (55)	3	10.6 (72)	8.8 (91)	13.1 (74)	37 (77)	12.5 (33)	1	
36005016500	New York	Bronx	Crotona - Tremont	165	965	965	100	965	661	68.5	Yes	5,900 (98)	40 (97)	0.6 (98)	1.187 (98)	9.13 (65)	3	13.5 (97)	3.8 (5)	14.8 (85)	33.5 (59)	18 (86)	1	
36005016600	New York	Bronx	Pelham - Throgs Neck	166	2,244	1,764	78.61	2,244	623	27.76	Yes	2,900 (95)	40 (97)	0.5 (95)	0.893 (97)	8.83 (56)	3	10 (57)	6.5 (45)	11.3 (57)	29.3 (34)	12 (27)	0	
36005016700	New York	Bronx	Crotona - Tremont	167	3,695	3,663	99.13	3,491	2,342	67.09	Yes	1,500 (88)	40 (97)	0.6 (98)	1.191 (98)	9.15 (65)	3	13.5 (97)	3.9 (5)	15 (86)	35.2 (69)	17.7 (84)	1	
36005016900	New York	Bronx	Crotona - Tremont	169	1,633	1,628	99.69	1,572	952	60.56	Yes	700 (75)	40 (97)	0.6 (98)	1.193 (98)	9.15 (65)	3	13.7 (97)	4.2 (8)	15.5 (88)	35.6 (70)	18 (86)	1	
36005017300	New York	Bronx	High Bridge - Morrisania	173	5,746	5,583	97.16	5,733	3,732	65.1	Yes	1,000 (83)	40 (97)	0.6 (98)	1.543 (99)	9.18 (66)	3	13.4 (97)	5.1 (19)	18.8 (96)	39.4 (84)	17.9 (85)	2	
36005017500	New York	Bronx	High Bridge - Morrisania	175	6,536	6,351	97.17	6,433	4,166	64.76	Yes	580 (70)	40 (97)	0.6 (98)	1.399 (99)	9.17 (66)	3	13.5 (97)	4.9 (16)	18.1 (95)	37.5 (78)	18 (86)	2	
36005017701	New York	Bronx	High Bridge - Morrisania	177.01	4,650	4,588	98.67	4,236	2,436	57.51	Yes	800 (78)	40 (97)	0.6 (98)	1.277 (98)	9.17 (65)	3	13.2 (96)	5.3 (22)	18 (94)	39 (83)	17.2 (81)	2	
36005017702	New York	Bronx	High Bridge - Morrisania	177.02	5,423	5,315	98.01	5,423	3,180	58.64	Yes	830 (79)	40 (97)	0.6 (98)	1.251 (98)	9.16 (65)	3	13.2 (96)	4.8 (15)	16.8 (92)	36.8 (76)	17.2 (81)	2	
36005017901	New York	Bronx	High Bridge - Morrisania	179.01	4,831	4,770	98.74	4,831	2,827	58.52	Yes	970 (82)	40 (97)	0.6 (98)	1.299 (98)	9.18 (66)	3	12.2 (92)	4.1 (7)	15.7 (89)	33.1 (57)	17.2 (81)	1	
36005017902	New York	Bronx	High Bridge - Morrisania	179.02	4,032	4,014	99.55	4,032	2,091	51.86	Yes	1,100 (84)	40 (97)	0.6 (98)	1.282 (98)	9.18 (66)	3	12.9 (95)	3.9 (5)	15.2 (87)	35.2 (69)	17.9 (85)	1	
36005018101	New York	Bronx	High Bridge - Morrisania	181.01	3,351	3,340	99.67	3,350	1,832	54.69	Yes	590 (71)	40 (97)	0.6 (98)	1.393 (99)	9.18 (66)	3	13.6 (97)	4.1 (7)	15.8 (89)	35 (68)	18.6 (89)	1	
36005018102	New York	Bronx	High Bridge - Morrisania	181.02	5,294	5,199	98.21	5,061	3,382	66.82	Yes	620 (72)	40 (97)	0.6 (98)	1.395 (99)	9.19 (66)	3	12.7 (94)	4.6 (12)	17.5 (94)	36.2 (73)	17.3 (82)	2	
36005018301	New York	Bronx	High Bridge - Morrisania	183.01	4,320	4,073	94.28	4,320	1,770	40.97	Yes	890 (80)	40 (97)	0.6 (98)	1.548 (99)	9.19 (66)	3	11.6 (87)	6.3 (41)	17.1 (93)	39.6 (85)	13.4 (43)	1	
36005018302	New York	Bronx	High Bridge - Morrisania	183.02	3,824	3,723	97.36	3,824	2,038	53.3	Yes	650 (73)	40 (97)	0.6 (98)	1.542 (99)	9.19 (66)	3	12.4 (93)	4.2 (8)	14.6 (84)	35.1 (68)	16 (71)	1	
36005018400	New York	Bronx	Pelham - Throgs Neck	184	3,793	2,254	59.43	3,793	836	22.04	Yes	2,600 (94)	40 (97)	0.5 (95)	0.894 (97)	8.86 (57)	3	10.5 (70)	7.1 (59)	10.5 (47)	30.7 (43)	12.6 (34)	0	
36005018500	New York	Bronx	High Bridge - Morrisania	185	9,001	8,944	99.37	8,922	5,552	62.23	Yes	850 (79)	40 (97)	0.6 (98)	1.363 (99)	9.14 (65)	3	13.2 (96)	3.8 (5)	14.3 (82)	32.7 (55)	17.7 (84)	1	
36005018900	New York	Bronx	High Bridge - Morrisania	189	8,210	7,870	95.86	8,066	5,177	64.18	Yes	5,100 (98)	40 (97)	0.6 (98)	1.517 (99)	9.23 (67)	3	12.6 (94)	4.2 (8)	15.4 (88)	33.5 (59)	17.1 (80)	1	
36005019300	New York	Bronx	High Bridge - Morrisania	193	6,350	6,329	99.67	6,350	4,767	75.07	Yes	3,800 (97)	40 (97)	0.6 (98)	1.336 (99)	9.23 (67)	3	13.2 (96)	4.7 (14)	17.6 (94)	36.4 (74)	17.7 (84)	2	
36005019400	New York	Bronx	Pelham - Throgs Neck	194	2,375	2,017	84.93	2,375	1,080	45.47	Yes	1,800 (91)	40 (97)	0.5 (95)	0.901 (97)	8.87 (57)	3	10.5 (70)	5.6 (27)	11.7 (62)	28.4 (29)	13.4 (43)	0	
36005019500	New York	Bronx	High Bridge - Morrisania	195	7,060	6,918	97.99	6,994	4,039	57.75	Yes	610 (71)	40 (97)	0.6 (98)	1.477 (99)	9.2 (66)	3	12.3 (92)	4.5 (11)	16.1 (90)	33.4 (59)	16.4 (75)	2	
36005019700	New York	Bronx	High Bridge - Morrisania	197	7,561	7,485	98.99	7,527	4,615	61.31	Yes	770 (77)	40 (97)	0.6 (98)	1.311 (98)	9.2 (66)	3	12.2 (92)	4 (6)	15.7 (89)	32.7 (55)	17.8 (85)	1	

Appendix 17D: Technical Memorandum --  
Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

36005019900	New York	Bronx	High Bridge - Morrisania	199	8,338	8,195	98.29	8,338	4,183	50.17	Yes	1,900 (91)	40 (97)	0.6 (98)	1.314 (98)	9.22 (67)	3	12.4 (93)	4.2 (8)	14.9 (85)	32.7 (55)	16.5 (76)	1
36005020000	New York	Bronx	Pelham - Throgs Neck	200	4,711	4,581	97.24	4,700	2,842	60.47	Yes	830 (78)	40 (97)	0.5 (95)	0.94 (97)	8.93 (59)	3	10.3 (65)	4.1 (7)	13.6 (78)	29 (33)	14.3 (54)	0
36005020100	New York	Bronx	High Bridge - Morrisania	201	3,993	3,861	96.69	3,943	2,528	64.11	Yes	6,600 (98)	40 (97)	0.6 (98)	1.298 (98)	9.23 (67)	3	13 (95)	4.3 (9)	16 (90)	34.5 (65)	17.6 (84)	2
36005020200	New York	Bronx	Pelham - Throgs Neck	202	2,385	2,281	95.64	2,348	1,260	53.66	Yes	400 (60)	40 (97)	0.5 (95)	0.943 (97)	8.93 (59)	3	10.7 (74)	4.6 (12)	13.3 (76)	31.3 (46)	14.5 (56)	0
36005020400	New York	Bronx	Pelham - Throgs Neck	204	3,011	2,742	91.07	3,005	1,210	40.27	Yes	490 (66)	40 (97)	0.5 (95)	0.961 (97)	8.96 (60)	3	10.9 (77)	4.5 (11)	12.5 (69)	28.4 (29)	14.7 (58)	0
36005020501	New York	Bronx	Crotona - Tremont	205.01	6,976	6,903	98.95	6,955	4,669	67.13	Yes	5,800 (98)	40 (97)	0.6 (98)	1.282 (98)	9.22 (67)	3	13.9 (98)	4.9 (16)	18.9 (96)	37.3 (78)	18.8 (90)	3
36005020502	New York	Bronx	Crotona - Tremont	205.02	2,160	2,124	98.33	2,160	1,201	55.6	Yes	3,300 (96)	40 (97)	0.6 (98)	1.277 (98)	9.21 (67)	3	13 (95)	6 (35)	20.9 (98)	41.3 (89)	16.9 (79)	2
36005020601	New York	Bronx	Pelham - Throgs Neck	206.01	2,237	2,158	96.47	2,237	1,134	50.69	Yes	670 (74)	40 (97)	0.5 (95)	0.95 (97)	8.94 (59)	3	10.4 (67)	5.7 (29)	14.7 (85)	33.8 (61)	13.2 (41)	0
36005020900	New York	Bronx	High Bridge - Morrisania	209	4,287	4,123	96.17	4,287	2,624	61.21	Yes	4,200 (97)	40 (97)	0.6 (98)	1.28 (98)	9.19 (66)	3	12.3 (92)	4.4 (10)	15 (86)	33.1 (57)	16 (71)	1
36005021001	New York	Bronx	Pelham - Throgs Neck	210.01	8,930	8,735	97.82	8,930	2,893	32.4	Yes	490 (66)	40 (97)	0.5 (95)	1.048 (97)	8.99 (61)	3	11.6 (87)	5.2 (21)	13.5 (77)	35.8 (71)	12.8 (36)	0
36005021002	New York	Bronx	Pelham - Throgs Neck	210.02	7,613	7,527	98.87	7,613	2,705	35.53	Yes	620 (72)	40 (97)	0.5 (95)	1.02 (97)	8.98 (60)	3	11.5 (86)	5.3 (22)	13.6 (78)	34.2 (63)	12.4 (32)	0
36005021100	New York	Bronx	High Bridge - Morrisania	211	5,343	5,303	99.25	5,299	3,437	64.86	Yes	3,300 (96)	40 (97)	0.6 (98)	1.298 (98)	9.22 (67)	3	13.2 (96)	4.2 (8)	16.3 (91)	34.3 (64)	18.3 (88)	2
36005021200	New York	Bronx	Pelham - Throgs Neck	212	4,850	4,782	98.6	4,850	1,447	29.84	Yes	2,200 (93)	40 (97)	0.5 (95)	1.039 (97)	8.98 (60)	3	10.9 (77)	4.9 (16)	12.9 (73)	32.3 (52)	12.1 (28)	0
36005021301	New York	Bronx	High Bridge - Morrisania	213.01	1,267	1,197	94.48	1,267	699	55.17	Yes	6,300 (98)	40 (97)	0.6 (98)	1.284 (98)	9.21 (67)	3	12.2 (92)	4.4 (10)	16 (90)	33.4 (59)	16.5 (76)	2
36005021302	New York	Bronx	High Bridge - Morrisania	213.02	5,513	5,495	99.67	5,513	3,442	62.43	Yes	3,600 (96)	40 (97)	0.6 (98)	1.296 (98)	9.21 (67)	3	13.2 (96)	4.7 (14)	18.3 (95)	36.4 (74)	17.9 (85)	2
36005021501	New York	Bronx	Crotona - Tremont	215.01	4,565	4,509	98.77	4,396	2,438	55.46	Yes	2,900 (95)	40 (97)	0.6 (98)	1.278 (98)	9.21 (67)	3	12.5 (93)	3.9 (5)	13.8 (79)	30.2 (40)	16.7 (77)	1
36005021502	New York	Bronx	Crotona - Tremont	215.02	6,532	6,513	99.71	6,344	4,513	71.14	Yes	3,500 (96)	40 (97)	0.6 (98)	1.278 (98)	9.2 (67)	3	13 (95)	3.9 (5)	15.7 (89)	32.4 (53)	18.4 (88)	1
36005021601	New York	Bronx	Crotona - Tremont	216.01	4,720	4,521	95.78	4,720	2,637	55.87	Yes	1,300 (86)	40 (97)	0.5 (95)	1.095 (98)	9 (61)	3	11.8 (89)	4.4 (10)	15.1 (86)	32.8 (55)	16.6 (77)	0
36005021602	New York	Bronx	Pelham - Throgs Neck	216.02	5,632	5,419	96.22	5,614	2,018	35.95	Yes	1,900 (91)	40 (97)	0.5 (95)	1.076 (98)	8.99 (61)	3	11.8 (89)	4.9 (16)	14.7 (85)	35.4 (70)	14.1 (52)	0
36005021700	New York	Bronx	Crotona - Tremont	217	5,124	5,023	98.03	5,078	2,860	56.32	Yes	4,100 (97)	40 (97)	0.6 (98)	1.276 (98)	9.19 (66)	3	13.5 (97)	4.3 (9)	16.9 (92)	37.1 (77)	17.9 (85)	2
36005021800	New York	Bronx	Crotona - Tremont	218	6,520	6,377	97.81	6,507	3,720	57.17	Yes	2,100 (92)	40 (97)	0.6 (98)	1.101 (98)	9.02 (61)	3	12.2 (92)	4.4 (10)	14.5 (84)	32.2 (52)	16 (71)	1
36005021900	New York	Bronx	High Bridge - Morrisania	219	882	849	96.26	872	424	48.62	Yes	1,700 (90)	40 (97)	0.6 (98)	1.294 (98)	9.2 (67)	3	12.9 (95)	4.2 (8)	18 (94)	33.5 (59)	19 (91)	3
36005022000	New York	Bronx	Crotona - Tremont	220	2,007	1,977	98.51	1,894	1,236	65.26	Yes	3,100 (95)	40 (97)	0.6 (98)	1.111 (98)	9.04 (62)	3	11.4 (85)	3.5 (3)	12.5 (69)	29.5 (36)	16.7 (77)	0
36005022101	New York	Bronx	High Bridge - Morrisania	221.01	4,133	4,122	99.73	4,122	2,544	61.72	Yes	700 (74)	40 (97)	0.6 (98)	1.291 (98)	9.21 (67)	3	12.2 (92)	3.7 (4)	14.6 (84)	30.8 (43)	17.6 (84)	1
36005022102	New York	Bronx	High Bridge - Morrisania	221.02	5,411	5,356	98.98	5,411	4,125	76.23	Yes	990 (82)	40 (97)	0.6 (98)	1.283 (98)	9.19 (66)	3	12.9 (95)	3.9 (5)	17.9 (94)	33.7 (61)	20.1 (94)	3
36005022200	New York	Bronx	Pelham - Throgs Neck	222	3,293	3,112	94.5	3,272	1,475	45.08	Yes	1,800 (91)	40 (97)	0.5 (95)	0.999 (97)	8.96 (60)	3	10.6 (72)	4.2 (8)	13.3 (76)	29.2 (34)	14.3 (54)	0
36005022300	New York	Bronx	High Bridge - Morrisania	223	5,278	5,152	97.61	5,143	3,205	62.32	Yes	1,500 (88)	40 (97)	0.6 (98)	1.292 (98)	9.19 (66)	3	12.7 (94)	4.5 (11)	18 (94)	35.7 (71)	18.2 (87)	2
36005022401	New York	Bronx	Pelham - Throgs Neck	224.01	2,498	2,298	91.99	2,492	1,010	40.53	Yes	3,600 (96)	40 (97)	0.6 (98)	1.094 (98)	9.06 (62)	3	10.7 (74)	5.2 (21)	12.5 (69)	31.1 (45)	13.4 (43)	0
36005022403	New York	Bronx	Pelham - Throgs Neck	224.03	3,194	2,563	80.24	3,194	1,207	37.79	Yes	960 (81)	40 (97)	0.5 (95)	1.071 (98)	9.05 (62)	3	11.1 (81)	5.2 (21)	12.7 (71)	31.6 (48)	14.1 (52)	0
36005022404	New York	Bronx	Pelham - Throgs Neck	224.04	4,203	3,457	82.25	4,203	1,446	34.4	Yes	1,300 (86)	40 (97)	0.5 (95)	1.092 (98)	9.04 (62)	3	10.4 (67)	5 (18)	10.1 (42)	29.1 (33)	12.6 (34)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36005022500	New York	Bronx	Crotona - Tremont	225	8,499	8,187	96.33	8,153	5,191	63.67	Yes	1,900 (91)	40 (97)	0.6 (98)	1.276 (98)	9.17 (66)	3	12.7 (94)	4.1 (7)	15.2 (87)	34.3 (64)	17.5 (83)	1	
36005022701	New York	Bronx	Crotona - Tremont	227.01	5,151	5,073	98.49	5,073	3,036	59.85	Yes	5,000 (98)	40 (97)	0.6 (98)	1.275 (98)	9.18 (66)	3	12.4 (93)	4.1 (7)	14.5 (84)	31.7 (49)	16.5 (76)	1	
36005022702	New York	Bronx	High Bridge - Morrisania	227.02	1,607	1,607	100	1,607	927	57.69	Yes	7,300 (99)	40 (97)	0.6 (98)	1.278 (98)	9.19 (66)	3	12.1 (91)	4.2 (8)	15.6 (88)	32.2 (52)	16.4 (75)	1	
36005022703	New York	Bronx	Crotona - Tremont	227.03	1,688	1,614	95.62	1,688	779	46.15	Yes	6,600 (99)	40 (97)	0.6 (98)	1.271 (98)	9.17 (66)	3	11.1 (81)	4.1 (7)	13.1 (74)	28 (27)	14.6 (57)	0	
36005022800	New York	Bronx	Pelham - Throgs Neck	228	6,128	5,040	82.25	6,128	2,125	34.68	Yes	380 (59)	40 (97)	0.5 (95)	1.074 (98)	9.03 (62)	3	10.5 (70)	5 (18)	11.2 (56)	29.2 (34)	13.1 (40)	0	
36005022901	New York	Bronx	Crotona - Tremont	229.01	5,743	5,655	98.47	5,743	3,317	57.76	Yes	5,300 (98)	40 (97)	0.6 (98)	1.249 (98)	9.17 (66)	3	12.8 (95)	4 (6)	16.4 (91)	32.6 (54)	18.6 (89)	2	
36005022902	New York	Bronx	Crotona - Tremont	229.02	3,614	3,582	99.11	3,603	2,328	64.61	Yes	4,700 (97)	40 (97)	0.6 (98)	1.238 (98)	9.17 (66)	3	12.6 (94)	4 (6)	15.1 (86)	32.4 (53)	17.5 (83)	1	
36005023000	New York	Bronx	Pelham - Throgs Neck	230	2,802	2,269	80.98	2,802	1,538	54.89	Yes	1,500 (89)	40 (97)	0.5 (95)	1.098 (98)	9.03 (62)	3	11 (79)	4.7 (14)	12.7 (71)	30 (39)	14.7 (58)	0	
36005023100	New York	Bronx	Crotona - Tremont	231	1,537	1,497	97.4	1,445	1,011	69.97	Yes	4,400 (97)	40 (97)	0.6 (98)	1.205 (98)	9.16 (65)	3	13.6 (97)	4 (6)	18.3 (95)	37 (77)	19.7 (93)	3	
36005023200	New York	Bronx	Pelham - Throgs Neck	232	2,476	1,772	71.57	2,464	986	40.02	Yes	670 (74)	40 (97)	0.5 (95)	1.09 (98)	9.02 (61)	3	10.8 (76)	5.2 (21)	12.5 (69)	29.3 (34)	14.2 (53)	0	
36005023301	New York	Bronx	Crotona - Tremont	233.01	3,956	3,956	100	3,948	2,013	50.99	Yes	2,100 (92)	40 (97)	0.6 (98)	1.269 (98)	9.17 (66)	3	12.4 (93)	4.4 (10)	16.6 (91)	35.7 (71)	16.6 (77)	2	
36005023302	New York	Bronx	Crotona - Tremont	233.02	3,706	3,659	98.73	3,661	2,173	59.36	Yes	3,300 (96)	40 (97)	0.6 (98)	1.23 (98)	9.16 (65)	3	11.9 (90)	3.8 (5)	15 (86)	31.4 (47)	17.5 (83)	1	
36005023501	New York	Bronx	Crotona - Tremont	235.01	3,184	3,163	99.34	3,184	1,881	59.08	Yes	1,400 (87)	40 (97)	0.6 (98)	1.239 (98)	9.16 (65)	3	12.6 (94)	4.1 (7)	17 (93)	33.3 (58)	18.5 (88)	2	
36005023502	New York	Bronx	Crotona - Tremont	235.02	4,153	4,136	99.59	4,127	2,298	55.68	Yes	1,500 (88)	40 (97)	0.6 (98)	1.226 (98)	9.16 (65)	3	12 (90)	5.9 (33)	19.8 (97)	38.1 (81)	16.2 (73)	2	
36005023600	New York	Bronx	Pelham - Throgs Neck	236	1,816	1,252	68.94	1,754	763	43.5	Yes	1,300 (86)	40 (97)	0.6 (98)	1.106 (98)	9.02 (61)	3	12.1 (91)	5.2 (21)	15.1 (86)	32.8 (55)	16.7 (77)	1	
36005023702	New York	Bronx	Fordham - Bronx Park	237.02	1,180	1,169	99.07	1,180	669	56.69	Yes	2,300 (93)	40 (97)	0.6 (98)	1.16 (98)	9.15 (65)	3	12 (90)	3.8 (5)	14 (81)	31 (45)	16.9 (79)	1	
36005023703	New York	Bronx	Fordham - Bronx Park	237.03	5,574	5,503	98.73	5,448	3,109	57.07	Yes	1,500 (89)	40 (97)	0.6 (98)	1.184 (98)	9.16 (65)	3	12.3 (92)	3.8 (5)	15.1 (86)	31.4 (47)	18.1 (86)	1	
36005023704	New York	Bronx	Crotona - Tremont	237.04	3,803	3,789	99.63	3,802	3,295	86.66	Yes	750 (76)	40 (97)	0.6 (98)	1.208 (98)	9.16 (65)	3	13.9 (98)	3.9 (5)	18.3 (95)	34.1 (63)	21.3 (97)	3	
36005023800	New York	Bronx	Pelham - Throgs Neck	238	2,241	1,832	81.75	2,227	839	37.67	Yes	440 (63)	40 (97)	0.5 (95)	1.087 (98)	9 (61)	3	10.7 (74)	4.6 (12)	10.9 (52)	28.2 (28)	14.2 (53)	0	
36005023900	New York	Bronx	Fordham - Bronx Park	239	7,873	7,873	100	7,836	4,951	63.18	Yes	900 (80)	40 (97)	0.6 (98)	1.216 (98)	9.16 (65)	3	12.8 (95)	3.8 (5)	15.8 (89)	31.7 (49)	19 (91)	2	
36005024000	New York	Bronx	Crotona - Tremont	240	3,903	3,494	89.52	3,878	1,781	45.93	Yes	1,500 (89)	40 (97)	0.5 (95)	1.105 (98)	9.03 (62)	3	11.9 (90)	4.5 (11)	14.4 (83)	31.4 (47)	15.9 (71)	1	
36005024100	New York	Bronx	Crotona - Tremont	241	6,621	6,316	95.39	6,597	3,641	55.19	Yes	880 (80)	40 (97)	0.6 (98)	1.256 (98)	9.17 (66)	3	12.3 (92)	4 (6)	14.8 (85)	32.6 (54)	17 (80)	1	
36005024300	New York	Bronx	Crotona - Tremont	243	5,737	5,663	98.71	5,737	3,467	60.43	Yes	770 (77)	40 (97)	0.6 (98)	1.272 (98)	9.18 (66)	3	12.9 (95)	4.3 (9)	17.3 (93)	35.9 (72)	18 (86)	2	
36005024400	New York	Bronx	Pelham - Throgs Neck	244	2,146	1,398	65.14	2,146	569	26.51	Yes	340 (55)	40 (97)	0.5 (95)	1.048 (97)	8.99 (61)	3	10.1 (60)	6.6 (47)	10.1 (42)	28.8 (31)	12.2 (29)	0	
36005024501	New York	Bronx	Crotona - Tremont	245.01	4,871	4,803	98.6	4,871	3,572	73.33	Yes	2,200 (93)	40 (97)	0.6 (98)	1.275 (98)	9.2 (67)	3	13 (95)	4.5 (11)	18.7 (96)	36.2 (73)	18.7 (89)	2	



36005024502	New York	Bronx	Crotona - Tremont	245.02	3,677	3,649	99.24	3,577	2,271	63.49	Yes	1,700 (90)	40 (97)	0.6 (98)	1.273 (98)	9.2 (66)	3	13.1 (96)	4.2 (8)	16.7 (92)	34.2 (63)	18.5 (88)	2
36005024600	New York	Bronx	Pelham - Throgs Neck	246	2,011	1,156	57.48	2,007	458	22.82	Yes	300 (53)	40 (97)	0.5 (95)	1.077 (98)	9.02 (61)	3	10.2 (62)	6.4 (43)	11 (54)	29.3 (34)	12.6 (34)	0
36005024700	New York	Bronx	Crotona - Tremont	247	2,058	2,030	98.64	2,058	946	45.97	Yes	5,200 (98)	40 (97)	0.6 (98)	1.275 (98)	9.21 (67)	3	12.9 (95)	4.6 (12)	14.8 (85)	34.9 (67)	15.9 (71)	1
36005024800	New York	Bronx	Pelham - Throgs Neck	248	3,078	1,593	51.75	2,765	578	20.9	Yes	600 (71)	40 (97)	0.5 (95)	1.047 (97)	9.02 (61)	3	9.7 (49)	8 (80)	12.1 (66)	33.8 (61)	11.2 (19)	0
36005025000	New York	Bronx	Pelham - Throgs Neck	250	2,591	1,321	50.98	2,589	553	21.36	Yes	350 (57)	40 (97)	0.5 (95)	1.042 (97)	9 (61)	3	10 (57)	8.1 (82)	10.8 (51)	32.1 (51)	11.4 (21)	0
36005025100	New York	Bronx	Crotona - Tremont	251	7,360	7,296	99.13	7,340	4,464	60.82	Yes	460 (64)	40 (97)	0.6 (98)	1.254 (98)	9.18 (66)	3	12.3 (92)	4 (6)	16.6 (91)	32.5 (54)	17.7 (84)	2
36005025200	New York	Bronx	Pelham - Throgs Neck	252	2,787	1,684	60.42	2,780	939	33.78	Yes	330 (55)	40 (97)	0.5 (95)	1.024 (97)	8.99 (61)	3	10.4 (67)	6.8 (52)	10.4 (46)	30.5 (42)	12.4 (32)	0
36005025300	New York	Bronx	Fordham - Bronx Park	253	6,199	6,175	99.61	6,145	3,966	64.54	Yes	1,100 (84)	40 (97)	0.6 (98)	1.225 (98)	9.17 (66)	3	11.6 (87)	3.8 (5)	14.1 (81)	29.6 (36)	16.6 (77)	0
36005025400	New York	Bronx	Pelham - Throgs Neck	254	1,997	805	40.31	1,997	667	33.4	Yes	540 (68)	40 (97)	0.5 (95)	1.002 (97)	8.98 (60)	3	10.7 (74)	7.9 (78)	11.2 (56)	32.8 (55)	12.7 (35)	0
36005025500	New York	Bronx	Fordham - Bronx Park	255	7,674	7,441	96.96	7,647	4,466	58.4	Yes	2,600 (94)	40 (97)	0.6 (98)	1.24 (98)	9.18 (66)	3	11.6 (87)	4.3 (9)	14.7 (85)	30.1 (39)	16 (71)	0
36005025600	New York	Bronx	Pelham - Throgs Neck	256	1,696	1,432	84.43	1,625	647	39.82	Yes	1,000 (82)	40 (97)	0.5 (95)	0.966 (97)	8.96 (60)	3	11.2 (82)	6.3 (41)	13.9 (80)	34.4 (64)	14.1 (52)	0
36005025700	New York	Bronx	Crotona - Tremont	257	1,999	1,963	98.2	1,999	817	40.87	Yes	7,200 (99)	40 (97)	0.6 (98)	1.257 (98)	9.19 (66)	3	10.8 (76)	4.3 (9)	12.6 (70)	29.9 (38)	13.8 (48)	0
36005026100	New York	Bronx	Fordham - Bronx Park	261	2,097	1,998	95.28	2,027	195	9.62	Yes	2,300 (93)	40 (97)	0.5 (95)	1.115 (98)	9.17 (66)	3	10.3 (65)	7.5 (69)	13.4 (77)	38.6 (82)	9 (3)	0
36005026300	New York	Bronx	Fordham - Bronx Park	263	6,218	5,674	91.25	5,692	3,993	70.15	Yes	1,400 (88)	40 (97)	0.5 (95)	1.149 (98)	9.18 (66)	3	11.6 (87)	7.1 (59)	18.5 (95)	39.5 (85)	15.1 (63)	1
36005026400	New York	Bronx	Pelham - Throgs Neck	264	4,868	3,254	66.84	4,868	1,331	27.34	Yes	2,000 (92)	40 (97)	0.5 (95)	0.902 (97)	8.87 (57)	3	10.3 (65)	6.6 (47)	9.8 (38)	28 (27)	12.5 (33)	0
36005026500	New York	Bronx	Fordham - Bronx Park	265	7,851	7,607	96.89	7,666	4,958	64.68	Yes	1,300 (86)	40 (97)	0.5 (95)	1.105 (98)	9.16 (65)	3	11 (79)	4.1 (7)	13.6 (78)	28.9 (32)	15.4 (66)	0
36005026601	New York	Bronx	Pelham - Throgs Neck	266.01	3,452	2,569	74.42	3,452	982	28.45	Yes	1,800 (91)	40 (97)	0.5 (95)	0.91 (97)	8.9 (58)	3	10.5 (70)	7.8 (76)	12.4 (69)	33.4 (59)	12.6 (34)	0
36005026602	New York	Bronx	Pelham - Throgs Neck	266.02	5,084	3,313	65.17	5,084	1,631	32.08	Yes	2,500 (94)	40 (97)	0.5 (95)	0.9 (97)	8.87 (57)	3	10.7 (74)	7.1 (59)	12.3 (68)	32.4 (53)	13 (39)	0
36005026701	New York	Bronx	Fordham - Bronx Park	267.01	4,185	4,068	97.2	4,185	2,198	52.52	Yes	1,700 (90)	40 (97)	0.5 (95)	1.021 (97)	9.16 (65)	3	10.6 (72)	4 (6)	13.7 (79)	28.5 (30)	14.7 (58)	0
36005026702	New York	Bronx	Fordham - Bronx Park	267.02	7,895	7,659	97.01	7,815	5,308	67.92	Yes	1,500 (88)	40 (97)	0.5 (95)	0.988 (97)	9.16 (65)	3	11.8 (89)	4.3 (9)	13.9 (80)	29.7 (37)	15.9 (71)	0
36005026900	New York	Bronx	Kingsbridge - Riverdale	269	3,703	3,696	99.81	3,703	1,973	53.28	Yes	5,100 (98)	40 (97)	0.5 (95)	1.075 (98)	9.18 (66)	3	10.8 (76)	4.7 (14)	13.5 (77)	30.6 (42)	13.4 (43)	0
36005027300	New York	Bronx	Kingsbridge - Riverdale	273	7,778	7,332	94.27	7,557	4,096	54.2	Yes	4,900 (98)	40 (97)	0.5 (95)	0.985 (97)	9.16 (65)	3	11.2 (82)	5 (18)	14.6 (84)	31.3 (46)	14.6 (57)	0
36005027600	New York	Bronx	Pelham - Throgs Neck	276	24	24	100	24	24	100	Yes	1,900 (91)	40 (97)	0.5 (95)	0.899 (97)	8.85 (56)	3	20.6 (100)	7.1 (59)	36.3 (100)	41.4 (89)	29.8 (100)	3
36005027700	New York	Bronx	Kingsbridge - Riverdale	277	4,660	4,120	88.41	4,660	2,324	49.87	Yes	4,100 (97)	40 (97)	0.5 (95)	0.961 (97)	9.16 (65)	3	11.3 (84)	4.6 (12)	14.2 (82)	30.3 (40)	15.4 (66)	0
36005027900	New York	Bronx	Kingsbridge - Riverdale	279	7,379	6,299	85.36	6,923	2,770	40.01	Yes	4,300 (97)	40 (97)	0.5 (95)	0.946 (97)	9.14 (65)	3	10 (57)	6.4 (43)	11.3 (57)	30.9 (44)	11.4 (21)	0
36005028100	New York	Bronx	Kingsbridge - Riverdale	281	3,954	2,739	69.27	3,679	934	25.39	Yes	3,000 (95)	40 (97)	0.5 (95)	0.948 (97)	9.12 (64)	3	10 (57)	8.9 (92)	12.2 (67)	35.6 (70)	10.3 (11)	1
36005028300	New York	Bronx	Kingsbridge - Riverdale	283	2,489	2,192	88.07	2,487	1,586	63.77	Yes	5,900 (98)	40 (97)	0.5 (95)	0.954 (97)	9.14 (65)	3	12.9 (95)	5.3 (22)	18.1 (95)	35.1 (68)	17.4 (82)	2
36005028400	New York	Bronx	Pelham - Throgs Neck	284	554	235	42.42	109	109	100	Yes	1,900 (91)	40 (97)	0.5 (95)	0.925 (97)	8.91 (58)	3	12.1 (91)	7.9 (78)	20.5 (97)	46.7 (96)	15.3 (65)	3
36005028500	New York	Bronx	Kingsbridge - Riverdale	285	3,523	1,910	54.22	3,495	1,164	33.3	Yes	1,100 (84)	40 (97)	0.5 (95)	0.937 (97)	9.14 (65)	3	10 (57)	6.5 (45)	10.1 (42)	28 (27)	11.5 (22)	0
36005028600	New York	Bronx	Pelham - Throgs Neck	286	1,085	601	55.39	1,085	237	21.84	Yes	1,100 (83)	40 (97)	0.5 (95)	0.958 (97)	8.96 (60)	3	9.6 (46)	6.6 (47)	9.6 (36)	29 (33)	11 (17)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36005028700	New York	Bronx	Kingsbridge-Riverdale	287	3,153	2,389	75.77	3,153	1,017	32.26	Yes	1,800 (91)	40 (97)	0.5 (95)	0.948 (97)	9.15 (65)	3	9.5 (43)	5.9 (33)	11.2 (56)	29.6 (36)	11.3 (20)	0	
36005028800	New York	Bronx	Pelham - Throgs Neck	288	3,330	1,627	48.86	3,330	930	27.93	Yes	780 (77)	40 (97)	0.5 (95)	0.992 (97)	8.98 (60)	3	10.2 (62)	7.6 (71)	10.9 (52)	29.7 (37)	11.7 (24)	0	
36005028900	New York	Bronx	Kingsbridge-Riverdale	289	4,807	3,992	83.05	4,623	1,857	40.17	Yes	2,600 (94)	40 (97)	0.5 (95)	0.962 (97)	9.17 (65)	3	10.3 (65)	6 (35)	11.8 (63)	27.9 (26)	12.6 (34)	0	
36005029600	New York	Bronx	Pelham - Throgs Neck	296	1,575	1,210	76.83	1,484	363	24.46	Yes	970 (81)	40 (97)	0.5 (95)	0.943 (97)	8.96 (60)	3	9.1 (31)	3.4 (3)	5.9 (4)	18.2 (2)	11.5 (22)	0	
36005030000	New York	Bronx	Pelham - Throgs Neck	300	6,021	4,114	68.33	5,998	2,023	33.73	Yes	4,100 (97)	40 (97)	0.5 (95)	0.907 (97)	8.89 (58)	3	9.4 (40)	6.7 (49)	9.6 (36)	29.2 (34)	10.9 (16)	0	
36005030100	New York	Bronx	Kingsbridge-Riverdale	301	1,413	713	50.46	1,043	175	16.78	Yes	3,000 (95)	40 (97)	0.5 (95)	0.948 (97)	9.17 (66)	3	9.5 (43)	13.5 (100)	13.6 (78)	43 (92)	8.5 (2)	2	
36005030200	New York	Bronx	Northeast Bronx	302	8,704	8,262	94.92	8,702	2,351	27.02	Yes	4,600 (97)	40 (97)	0.5 (95)	0.887 (97)	8.87 (57)	3	12.2 (92)	7.2 (61)	15.8 (89)	39.9 (86)	12.2 (29)	1	
36005031000	New York	Bronx	Northeast Bronx	310	4,753	3,385	71.22	3,876	674	17.39	Yes	2,700 (94)	40 (97)	0.5 (95)	0.918 (97)	8.92 (59)	3	10.1 (60)	9.5 (95)	14.3 (82)	39.1 (84)	10.3 (11)	1	
36005031200	New York	Bronx	Northeast Bronx	312	1,678	1,115	66.45	1,677	210	12.52	Yes	500 (67)	40 (97)	0.5 (95)	0.932 (97)	8.95 (60)	3	9.6 (46)	7.5 (69)	10.2 (43)	31.5 (48)	9.8 (7)	0	
36005031400	New York	Bronx	Northeast Bronx	314	2,079	1,341	64.5	1,892	301	15.91	Yes	500 (67)	40 (97)	0.5 (95)	0.943 (97)	8.97 (60)	3	9.5 (43)	8 (80)	11.7 (62)	34 (62)	10.2 (10)	0	
36005031600	New York	Bronx	Northeast Bronx	316	1,900	1,222	64.32	1,900	373	19.63	Yes	290 (52)	40 (97)	0.5 (95)	0.956 (97)	8.98 (60)	3	10.3 (65)	6.8 (52)	10.9 (52)	31.4 (47)	11.9 (26)	0	
36005031800	New York	Bronx	Northeast Bronx	318	2,179	1,549	71.09	2,008	546	27.19	Yes	260 (48)	40 (97)	0.5 (95)	0.968 (97)	9 (61)	3	9.9 (54)	7.8 (76)	12.2 (67)	34.1 (63)	10.9 (16)	0	
36005031900	New York	Bronx	Kingsbridge-Riverdale	319	633	313	49.45	72	59	81.94	Yes	110 (29)	30 (83)	0.4 (81)	0.794 (96)	9.06 (62)	1	15 (99)	3.1 (2)	5.2 (2)	16.3 (1)	24 (99)	2	
36005032400	New York	Bronx	Northeast Bronx	324	3,177	2,815	88.61	3,098	2,208	71.27	Yes	410 (61)	40 (97)	0.5 (95)	0.994 (97)	9.03 (62)	3	14.5 (99)	5.9 (33)	20.5 (97)	38 (80)	20 (94)	3	
36005032600	New York	Bronx	Northeast Bronx	326	3,407	2,098	61.58	3,212	665	20.7	Yes	290 (51)	40 (97)	0.5 (95)	0.981 (97)	9.02 (61)	3	10.4 (67)	7.2 (61)	13 (74)	34.5 (65)	12.3 (30)	0	
36005032800	New York	Bronx	Fordham - Bronx Park	328	3,839	3,323	86.56	3,838	2,341	61	Yes	460 (64)	40 (97)	0.5 (95)	1.004 (97)	9.05 (62)	3	12 (90)	5.2 (21)	13.9 (80)	33.7 (61)	15.5 (67)	1	
36005033000	New York	Bronx	Fordham - Bronx Park	330	5,776	3,270	56.61	5,742	2,922	50.89	Yes	740 (76)	40 (97)	0.5 (95)	1.014 (97)	9.06 (62)	3	11.5 (86)	5.5 (26)	13.6 (78)	32.9 (56)	15.5 (67)	0	
36005033201	New York	Bronx	Fordham - Bronx Park	332.01	5,564	4,727	84.96	5,544	2,583	46.59	Yes	2,600 (94)	40 (97)	0.5 (95)	1.044 (97)	9.07 (63)	3	10.9 (77)	6.6 (47)	14.4 (83)	33.2 (58)	13.2 (41)	0	
36005033202	New York	Bronx	Fordham - Bronx Park	332.02	4,033	3,526	87.43	3,588	1,345	37.49	Yes	1,400 (87)	40 (97)	0.5 (95)	1.005 (97)	9.07 (63)	3	10.9 (77)	6.8 (52)	15 (86)	37.4 (78)	12.6 (34)	0	
36005033400	New York	Bronx	Fordham - Bronx Park	334	15	15	100	15	5	33.33	Yes	3,100 (96)	40 (97)	0.6 (98)	1.094 (98)	9.08 (63)	3	9.5 (43)	4.9 (16)	8.9 (27)	28.8 (31)	10.1 (9)	0	
36005033600	New York	Bronx	Fordham - Bronx Park	336	6,714	6,499	96.8	6,694	3,225	48.18	Yes	1,700 (90)	40 (97)	0.5 (95)	0.988 (97)	9.09 (63)	3	12.4 (93)	5.2 (21)	15.2 (87)	35.4 (70)	15.1 (63)	1	
36005033800	New York	Bronx	Fordham - Bronx Park	338	4,105	3,871	94.3	4,088	1,572	38.45	Yes	330 (55)	40 (97)	0.5 (95)	0.983 (97)	9.08 (63)	3	12.9 (95)	4.4 (10)	13.5 (77)	33.4 (59)	16.3 (74)	1	
36005034000	New York	Bronx	Fordham - Bronx Park	340	5,606	5,301	94.56	5,563	2,872	51.63	Yes	380 (59)	40 (97)	0.5 (95)	0.981 (97)	9.06 (62)	3	11.9 (90)	4.8 (15)	13.4 (77)	33.5 (59)	14.5 (56)	1	
36005034200	New York	Bronx	Northeast Bronx	342	1,888	1,725	91.37	1,888	632	33.47	Yes	450 (64)	40 (97)	0.5 (95)	0.975 (97)	9.04 (62)	3	11.8 (89)	5.1 (19)	11.8 (63)	32.4 (53)	13 (39)	0	
36005034300	New York	Bronx	Kingsbridge-Riverdale	343	1,665	1,052	63.18	1,469	315	21.44	Yes	390 (60)	40 (97)	0.5 (95)	0.805 (96)	9.07 (62)	3	10.1 (60)	8.3 (85)	12.3 (68)	35.1 (68)	10.9 (16)	0	

36005034400	New York	Bronx	Northeast Bronx	344	2,172	2,110	97.15	2,164	763	35.26	Yes	490 (66)	40 (97)	0.5 (95)	0.969 (97)	9.04 (62)	3	12 (90)	5.7 (29)	13.5 (77)	35.5 (70)	13 (39)	1
36005034500	New York	Bronx	Kingsbridge - Riverdale	345	3,540	1,874	52.94	3,343	899	26.89	Yes	1,600 (89)	40 (97)	0.5 (95)	0.836 (96)	9.08 (63)	3	9.9 (54)	7.6 (71)	11.3 (57)	32.7 (55)	10.7 (14)	0
36005034800	New York	Bronx	Northeast Bronx	348	5,707	5,554	97.32	5,693	2,042	35.87	Yes	250 (48)	40 (97)	0.5 (95)	0.964 (97)	9.02 (61)	3	12.6 (94)	5.6 (27)	14.9 (85)	37.9 (80)	14.3 (54)	1
36005035000	New York	Bronx	Northeast Bronx	350	2,063	1,946	94.33	2,051	525	25.6	Yes	160 (36)	40 (97)	0.5 (95)	0.943 (97)	8.99 (61)	3	11.9 (90)	5.1 (19)	11.9 (64)	34.4 (64)	12.6 (34)	1
36005035600	New York	Bronx	Northeast Bronx	356	2,254	2,221	98.54	2,229	559	25.08	Yes	1,700 (90)	40 (97)	0.5 (95)	0.917 (97)	8.93 (59)	3	12.3 (92)	5.6 (27)	13.2 (75)	36.9 (76)	12.5 (33)	1
36005035800	New York	Bronx	Northeast Bronx	358	8,172	7,766	95.03	8,053	1,850	22.97	Yes	550 (69)	40 (97)	0.5 (95)	0.925 (97)	8.96 (60)	3	12.8 (95)	5.9 (33)	13.8 (79)	38.4 (82)	12.7 (35)	1
36005035900	New York	Bronx	Crotona - Tremont	359	2,053	2,042	99.46	2,040	1,370	67.16	Yes	7,000 (99)	40 (97)	0.6 (98)	1.133 (98)	9.08 (63)	3	12.7 (94)	4.5 (11)	18.1 (95)	35.7 (71)	18 (86)	2
36005036000	New York	Bronx	Northeast Bronx	360	3,271	2,883	88.14	3,075	779	25.33	Yes	560 (69)	40 (97)	0.5 (95)	0.93 (97)	8.97 (60)	3	11.1 (81)	6.6 (47)	13.8 (79)	36 (72)	12 (27)	0
36005036100	New York	Bronx	Crotona - Tremont	361	5,576	5,551	99.55	5,553	3,865	69.6	Yes	1,800 (90)	40 (97)	0.6 (98)	1.124 (98)	9.07 (63)	3	13.3 (96)	5.5 (26)	18.9 (96)	37.6 (79)	17.5 (83)	2
36005036300	New York	Bronx	Crotona - Tremont	363	7,517	7,294	97.03	7,478	5,001	66.88	Yes	710 (75)	40 (97)	0.6 (98)	1.128 (98)	9.08 (63)	3	13.6 (97)	4.2 (8)	17.6 (94)	34.1 (63)	19.9 (94)	3
36005036400	New York	Bronx	Northeast Bronx	364	2,565	2,564	99.96	2,565	766	29.86	Yes	360 (57)	40 (97)	0.5 (95)	0.94 (97)	9 (61)	3	12.8 (95)	6 (35)	13 (74)	38.2 (81)	12.3 (30)	1
36005036501	New York	Bronx	Crotona - Tremont	365.01	3,901	3,889	99.69	3,887	2,311	59.45	Yes	1,700 (90)	40 (97)	0.6 (98)	1.131 (98)	9.1 (63)	3	13.8 (98)	4.1 (7)	15.9 (89)	34.9 (67)	18.6 (89)	1
36005036502	New York	Bronx	Crotona - Tremont	365.02	2,620	2,586	98.7	2,581	1,450	56.18	Yes	6,600 (98)	40 (97)	0.6 (98)	1.14 (98)	9.1 (63)	3	12.3 (92)	3.9 (5)	13.7 (79)	31.4 (47)	16.5 (76)	1
36005036700	New York	Bronx	Crotona - Tremont	367	2,395	2,350	98.12	2,179	1,373	63.01	Yes	5,500 (98)	40 (97)	0.6 (98)	1.141 (98)	9.11 (64)	3	12.9 (95)	3.6 (3)	14.3 (82)	31.1 (45)	18.5 (88)	1
36005036800	New York	Bronx	Northeast Bronx	368	2,109	2,052	97.3	2,000	749	37.45	Yes	210 (43)	40 (97)	0.5 (95)	0.959 (97)	9.04 (62)	3	13.5 (97)	5.3 (22)	14.3 (82)	38.2 (81)	14.9 (61)	1
36005036901	New York	Bronx	Crotona - Tremont	369.01	2,101	2,098	99.86	2,089	1,490	71.33	Yes	4,700 (97)	40 (97)	0.6 (98)	1.151 (98)	9.12 (64)	3	13.7 (97)	5.3 (22)	21.2 (98)	39.8 (86)	19.1 (91)	3
36005036902	New York	Bronx	Crotona - Tremont	369.02	2,074	2,038	98.26	2,074	1,433	69.09	Yes	5,900 (98)	40 (97)	0.6 (98)	1.152 (98)	9.12 (64)	3	14.5 (99)	4.3 (9)	17.7 (94)	36.2 (73)	20.2 (94)	3
36005037000	New York	Bronx	Northeast Bronx	370	2,416	2,378	98.43	2,416	1,030	42.63	Yes	240 (47)	40 (97)	0.5 (95)	0.967 (97)	9.05 (62)	3	13.8 (98)	5.9 (33)	16 (90)	39.8 (86)	15.1 (63)	2
36005037100	New York	Bronx	Crotona - Tremont	371	4,226	4,172	98.72	4,220	2,685	63.63	Yes	1,300 (86)	40 (97)	0.6 (98)	1.137 (98)	9.11 (64)	3	12.9 (95)	5.6 (27)	18.5 (95)	37.7 (79)	16.3 (74)	2
36005037200	New York	Bronx	Fordham - Bronx Park	372	2,132	2,114	99.16	2,130	784	36.81	Yes	180 (40)	40 (97)	0.5 (95)	0.969 (97)	9.07 (63)	3	12.3 (92)	5.2 (21)	13.5 (77)	35.5 (70)	13.8 (48)	1
36005037300	New York	Bronx	Crotona - Tremont	373	6,373	6,321	99.18	6,339	3,493	55.1	Yes	700 (75)	40 (97)	0.6 (98)	1.142 (98)	9.12 (64)	3	12.9 (95)	4.4 (10)	16.2 (90)	33.7 (61)	17.8 (85)	2
36005037400	New York	Bronx	Fordham - Bronx Park	374	3,861	3,787	98.08	3,847	2,213	57.53	Yes	1,200 (85)	40 (97)	0.5 (95)	0.973 (97)	9.09 (63)	3	13.9 (98)	5.7 (29)	18.7 (96)	40.4 (87)	16.9 (79)	2
36005037504	New York	Bronx	Crotona - Tremont	375.04	3,323	3,232	97.26	3,103	2,361	76.09	Yes	540 (68)	40 (97)	0.6 (98)	1.144 (98)	9.13 (64)	3	13.5 (97)	5 (18)	19.7 (97)	37.4 (78)	18.9 (90)	3
36005037600	New York	Bronx	Fordham - Bronx Park	376	2,197	1,980	90.12	2,168	748	34.5	Yes	1,900 (91)	40 (97)	0.5 (95)	0.977 (97)	9.1 (63)	3	12.3 (92)	4.8 (15)	13.3 (76)	33.1 (57)	14 (50)	1
36005037800	New York	Bronx	Fordham - Bronx Park	378	2,900	2,870	98.97	2,882	1,131	39.24	Yes	3,100 (95)	40 (97)	0.5 (95)	0.967 (97)	9.09 (63)	3	13.5 (97)	4.8 (15)	15.1 (86)	36 (72)	16.4 (75)	1
36005037900	New York	Bronx	Crotona - Tremont	379	5,469	5,453	99.71	5,354	3,613	67.48	Yes	1,000 (83)	40 (97)	0.6 (98)	1.18 (98)	9.15 (65)	3	14.8 (99)	4.1 (7)	18 (94)	36.8 (76)	20.7 (96)	3
36005038000	New York	Bronx	Fordham - Bronx Park	380	5,239	5,031	96.03	5,191	2,952	56.87	Yes	490 (66)	40 (97)	0.5 (95)	0.966 (97)	9.07 (63)	3	14.4 (98)	6.6 (47)	21.1 (98)	45 (94)	16.7 (77)	3
36005038100	New York	Bronx	Crotona - Tremont	381	7,647	7,621	99.66	7,647	4,460	58.32	Yes	1,100 (83)	40 (97)	0.6 (98)	1.204 (98)	9.15 (65)	3	12.1 (91)	4.3 (9)	15.4 (88)	31.8 (49)	16.6 (77)	1
36005038200	New York	Bronx	Northeast Bronx	382	3,100	3,051	98.42	3,085	1,438	46.61	Yes	150 (35)	40 (97)	0.5 (95)	0.946 (97)	9.03 (62)	3	13.7 (97)	5.1 (19)	15 (86)	38.2 (81)	15.3 (65)	1
36005038301	New York	Bronx	Fordham - Bronx Park	383.01	5,084	5,013	98.6	5,057	2,885	57.05	Yes	790 (77)	40 (97)	0.5 (95)	1.178 (98)	9.15 (65)	3	12.1 (91)	4 (6)	13.7 (79)	32 (51)	16.4 (75)	1

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36005038302	New York	Bronx	Fordham - Bronx Park	383.02	6,032	5,999	99.45	6,008	4,696	78.16	Yes	720 (75)	40 (97)	0.6 (98)	1.151 (98)	9.14 (65)	3	14.7 (99)	4.1 (7)	18.2 (95)	36.1 (73)	21.1 (96)	3
36005038500	New York	Bronx	Fordham - Bronx Park	385	4,766	4,738	99.41	4,760	3,439	72.25	Yes	490 (66)	40 (97)	0.6 (98)	1.135 (98)	9.13 (64)	3	13.4 (97)	4.1 (7)	17.1 (93)	33.5 (59)	19.9 (94)	3
36005038600	New York	Bronx	Fordham - Bronx Park	386	8,889	8,886	99.97	8,872	3,953	44.56	Yes	500 (66)	40 (97)	0.5 (95)	0.934 (97)	9 (61)	3	13.4 (97)	5 (18)	13.9 (80)	36.9 (76)	14.8 (59)	1
36005038700	New York	Bronx	Fordham - Bronx Park	387	3,823	3,242	84.8	3,798	2,545	67.01	Yes	720 (75)	40 (97)	0.5 (95)	1.13 (98)	9.13 (64)	3	12.4 (93)	4 (6)	13.1 (74)	30.6 (42)	17.9 (85)	1
36005038800	New York	Bronx	Northeast Bronx	388	2,763	2,714	98.23	2,763	930	33.66	Yes	79 (24)	40 (97)	0.5 (95)	0.942 (97)	9.03 (62)	3	13.4 (97)	5.6 (27)	15 (86)	39.6 (85)	14.2 (53)	1
36005038900	New York	Bronx	Fordham - Bronx Park	389	5,521	4,239	76.78	5,431	3,547	65.31	Yes	1,300 (87)	40 (97)	0.6 (98)	1.121 (98)	9.11 (64)	3	12.1 (91)	3.6 (3)	11.2 (56)	26.6 (20)	18.4 (88)	1
36005039000	New York	Bronx	Fordham - Bronx Park	390	2,861	2,792	97.59	2,861	1,303	45.54	Yes	190 (41)	40 (97)	0.5 (95)	0.953 (97)	9.06 (62)	3	13.6 (97)	4.6 (12)	13.7 (79)	36.9 (76)	15.7 (69)	1
36005039100	New York	Bronx	Fordham - Bronx Park	391	7,544	7,007	92.88	7,544	5,294	70.18	Yes	440 (63)	40 (97)	0.5 (95)	1.13 (98)	9.12 (64)	3	11.9 (90)	4.3 (9)	13.9 (80)	30.1 (39)	17.6 (84)	1
36005039200	New York	Bronx	Fordham - Bronx Park	392	1,602	1,582	98.75	1,602	432	26.97	Yes	2,000 (92)	40 (97)	0.5 (95)	0.953 (97)	9.07 (63)	3	12.5 (93)	4.6 (12)	12.5 (69)	35.5 (70)	14.2 (53)	1
36005039300	New York	Bronx	Crotona - Tremont	393	8,330	8,029	96.39	8,316	5,534	66.55	Yes	710 (75)	40 (97)	0.5 (95)	1.122 (98)	9.1 (63)	3	13.6 (97)	4.9 (16)	17.8 (94)	36.6 (75)	19.1 (91)	3
36005039400	New York	Bronx	Northeast Bronx	394	5,647	5,586	98.92	5,421	2,684	49.51	Yes	1,800 (91)	40 (97)	0.5 (95)	0.949 (97)	9.05 (62)	3	13.8 (98)	5.6 (27)	17.9 (94)	41.5 (89)	16.5 (76)	2
36005039500	New York	Bronx	Crotona - Tremont	395	4,257	4,226	99.27	4,211	2,591	61.53	Yes	1,700 (90)	40 (97)	0.6 (98)	1.163 (98)	9.14 (65)	3	12.9 (95)	4.5 (11)	16.4 (91)	34.5 (65)	17.3 (82)	2
36005039600	New York	Bronx	Fordham - Bronx Park	396	5,022	4,981	99.18	5,015	2,604	51.92	Yes	310 (54)	40 (97)	0.5 (95)	0.941 (97)	9.04 (62)	3	14.2 (98)	5.5 (26)	15.6 (88)	40 (86)	16.1 (72)	1
36005039700	New York	Bronx	Fordham - Bronx Park	397	3,744	1,617	43.19	1,109	501	45.18	Yes	1,200 (85)	40 (97)	0.6 (98)	1.08 (98)	9.12 (64)	3	12.3 (92)	2.4 (1)	5.9 (4)	16.1 (1)	18.9 (90)	2
36005039800	New York	Bronx	Northeast Bronx	398	3,842	3,831	99.71	3,816	742	19.44	Yes	290 (51)	40 (97)	0.5 (95)	0.938 (97)	9.01 (61)	3	12.7 (94)	5.4 (24)	12.5 (69)	38.3 (81)	12.5 (33)	1
36005039901	New York	Bronx	Fordham - Bronx Park	399.01	5,618	5,457	97.13	5,564	3,962	71.21	Yes	2,300 (93)	40 (97)	0.5 (95)	1.094 (98)	9.14 (65)	3	12.8 (95)	4 (6)	16.7 (92)	32.5 (54)	18.9 (90)	3
36005039902	New York	Bronx	Fordham - Bronx Park	399.02	5,646	5,432	96.21	5,646	3,788	67.09	Yes	1,900 (91)	40 (97)	0.6 (98)	1.137 (98)	9.14 (65)	3	12.6 (94)	4 (6)	16.5 (91)	33.3 (58)	18.2 (87)	2
36005040100	New York	Bronx	Fordham - Bronx Park	401	4,478	4,390	98.03	4,467	3,012	67.43	Yes	2,300 (93)	40 (97)	0.5 (95)	1.107 (98)	9.16 (65)	3	12.1 (91)	4.1 (7)	15.4 (88)	32.5 (54)	17.5 (83)	1
36005040302	New York	Bronx	Fordham - Bronx Park	403.02	4,192	4,115	98.16	4,181	2,442	58.41	Yes	1,500 (88)	40 (97)	0.5 (95)	1.029 (97)	9.14 (65)	3	11.8 (89)	4.1 (7)	15.7 (89)	30.9 (44)	17.2 (81)	0
36005040303	New York	Bronx	Fordham - Bronx Park	403.03	4,900	4,850	98.98	4,872	2,860	58.7	Yes	930 (81)	40 (97)	0.5 (95)	1.012 (97)	9.14 (65)	3	11.5 (86)	4.2 (8)	14.8 (85)	30.6 (42)	15.9 (71)	0
36005040304	New York	Bronx	Fordham - Bronx Park	403.04	3,593	3,556	98.97	3,570	2,237	62.66	Yes	1,200 (86)	40 (97)	0.5 (95)	1.036 (97)	9.15 (65)	3	11.7 (88)	4 (6)	15 (86)	32.4 (53)	16.7 (77)	0
36005040400	New York	Bronx	Northeast Bronx	404	3,600	3,567	99.08	3,600	516	14.33	Yes	250 (48)	40 (97)	0.5 (95)	0.929 (97)	9 (61)	3	12.9 (95)	5.7 (29)	13.5 (77)	38.7 (82)	12.8 (36)	1
36005040501	New York	Bronx	Fordham - Bronx Park	405.01	4,399	4,311	98	4,368	2,663	60.97	Yes	1,200 (85)	40 (97)	0.5 (95)	1.037 (97)	9.14 (65)	3	11.7 (88)	3.9 (5)	13.7 (79)	29.9 (38)	16.2 (73)	0
36005040502	New York	Bronx	Fordham - Bronx Park	405.02	7,264	7,177	98.8	7,250	4,372	60.3	Yes	1,100 (83)	40 (97)	0.5 (95)	1.044 (97)	9.14 (65)	3	12.1 (91)	4.1 (7)	14.6 (84)	31.6 (48)	16.4 (75)	1
36005040500	New York	Bronx	Northeast Bronx	406	3,547	3,545	99.94	3,543	1,337	37.74	Yes	240 (46)	40 (97)	0.5 (95)	0.933 (97)	9.03 (62)	3	14.2 (98)	5.1 (19)	15.2 (87)	38 (80)	16.2 (73)	1



36005040701	New York	Bronx	Fordham - Bronx Park	407.01	3,120	3,016	96.67	3,120	1,580	50.64	Yes	1,600 (89)	40 (97)	0.5 (95)	1.008 (97)	9.14 (65)	3	11.5 (86)	4.1 (7)	13.6 (78)	29.2 (34)	16.1 (72)	0
36005040702	New York	Bronx	Fordham - Bronx Park	407.02	7,023	6,672	95	7,016	3,625	51.67	Yes	1,400 (88)	40 (97)	0.5 (95)	1.018 (97)	9.13 (64)	3	11.6 (87)	4.5 (11)	14 (81)	31.3 (46)	16 (71)	0
36005040800	New York	Bronx	Northeast Bronx	408	4,826	4,365	90.45	4,811	2,438	50.68	Yes	1,800 (90)	40 (97)	0.5 (95)	0.934 (97)	9.04 (62)	3	13 (95)	4.5 (11)	13.8 (79)	33.6 (60)	16.1 (72)	1
36005040900	New York	Bronx	Fordham - Bronx Park	409	3,194	2,538	79.46	3,185	1,094	34.35	Yes	990 (82)	40 (97)	0.5 (95)	0.974 (97)	9.14 (65)	3	12.3 (92)	6.9 (54)	15.3 (87)	40 (86)	13.1 (40)	1
36005041100	New York	Bronx	Fordham - Bronx Park	411	3,510	3,173	90.4	3,483	1,734	49.78	Yes	1,800 (91)	40 (97)	0.5 (95)	0.999 (97)	9.13 (64)	3	11.2 (82)	4.6 (12)	13.2 (75)	30.8 (43)	15.1 (63)	0
36005041300	New York	Bronx	Fordham - Bronx Park	413	8,677	8,020	92.43	8,574	3,509	40.93	Yes	1,900 (91)	40 (97)	0.5 (95)	0.999 (97)	9.13 (64)	3	10.6 (72)	4.5 (11)	11.7 (62)	28.1 (27)	13.7 (47)	0
36005041400	New York	Bronx	Northeast Bronx	414	5,158	4,989	96.72	5,131	1,892	36.87	Yes	720 (75)	40 (97)	0.5 (95)	0.859 (97)	8.97 (60)	3	13.2 (96)	5 (18)	13.8 (79)	35.5 (70)	15.3 (65)	1
36005041500	New York	Bronx	Fordham - Bronx Park	415	6,367	5,869	92.18	6,308	3,361	53.28	Yes	1,400 (88)	40 (97)	0.5 (95)	1.009 (97)	9.12 (64)	3	10.8 (76)	4.5 (11)	12 (65)	28.4 (29)	13.9 (49)	0
36005041800	New York	Bronx	Northeast Bronx	418	3,876	3,777	97.45	3,804	1,618	42.53	Yes	2,100 (92)	40 (97)	0.5 (95)	0.883 (97)	9.01 (61)	3	13.4 (97)	4.7 (14)	14.1 (81)	35.4 (70)	16.3 (74)	1
36005041900	New York	Bronx	Fordham - Bronx Park	419	6,035	5,410	89.64	5,993	3,431	57.25	Yes	1,100 (84)	40 (97)	0.5 (95)	0.979 (97)	9.12 (64)	3	11.1 (81)	4.3 (9)	13.1 (74)	30.2 (40)	14.8 (59)	0
36005042000	New York	Bronx	Northeast Bronx	420	4,206	4,071	96.79	4,121	2,158	52.37	Yes	3,000 (95)	40 (97)	0.5 (95)	0.916 (97)	9.02 (61)	3	13.3 (96)	5.3 (22)	16 (90)	37 (77)	16.4 (75)	2
36005042100	New York	Bronx	Fordham - Bronx Park	421	5,661	5,176	91.43	5,648	3,391	60.04	Yes	1,100 (84)	40 (97)	0.5 (95)	0.971 (97)	9.11 (64)	3	11.3 (84)	4.3 (9)	13 (74)	30.6 (42)	15 (62)	0
36005042200	New York	Bronx	Northeast Bronx	422	3,285	3,176	96.68	3,285	964	29.35	Yes	770 (77)	40 (97)	0.5 (95)	0.918 (97)	9.01 (61)	3	12.9 (95)	5.7 (29)	13.8 (79)	37.5 (78)	13.6 (46)	1
36005042300	New York	Bronx	Fordham - Bronx Park	423	4,313	3,705	85.9	4,313	2,048	47.48	Yes	810 (78)	40 (97)	0.5 (95)	0.979 (97)	9.11 (64)	3	10.8 (76)	4.3 (9)	11.9 (64)	29 (33)	14.5 (56)	0
36005042400	New York	Bronx	Northeast Bronx	424	2,569	2,484	96.69	2,322	467	20.11	Yes	670 (74)	40 (97)	0.5 (95)	0.918 (97)	8.99 (61)	3	12.6 (94)	7 (56)	15.9 (89)	42.6 (91)	12.4 (32)	2
36005042500	New York	Bronx	Fordham - Bronx Park	425	6,175	5,415	87.69	6,173	3,646	59.06	Yes	1,400 (88)	40 (97)	0.5 (95)	0.992 (97)	9.11 (64)	3	10.9 (77)	4 (6)	12.6 (70)	29.6 (36)	15.3 (65)	0
36005042600	New York	Bronx	Northeast Bronx	426	6,729	6,312	93.8	6,627	1,770	26.71	Yes	580 (70)	40 (97)	0.5 (95)	0.89 (97)	8.95 (60)	3	12.5 (93)	6 (35)	13.6 (78)	38.9 (83)	12.3 (30)	1
36005042800	New York	Bronx	Northeast Bronx	428	2,120	2,065	97.41	2,120	566	26.7	Yes	410 (61)	40 (97)	0.5 (95)	0.876 (97)	8.96 (60)	3	12.4 (93)	6 (35)	13.2 (75)	38.5 (82)	11.9 (26)	1
36005042901	New York	Bronx	Fordham - Bronx Park	429.01	3,561	3,271	91.86	3,554	2,045	57.54	Yes	1,300 (87)	40 (97)	0.5 (95)	0.981 (97)	9.1 (64)	3	11.6 (87)	4.1 (7)	14.5 (84)	30.2 (40)	16.7 (77)	0
36005042902	New York	Bronx	Fordham - Bronx Park	429.02	4,041	3,843	95.1	3,929	2,071	52.71	Yes	1,600 (89)	40 (97)	0.5 (95)	0.974 (97)	9.11 (64)	3	12.2 (92)	4.5 (11)	14.4 (83)	33 (57)	16.5 (76)	1
36005043000	New York	Bronx	Northeast Bronx	430	3,499	3,439	98.29	3,499	1,298	37.1	Yes	710 (75)	40 (97)	0.5 (95)	0.892 (97)	8.99 (61)	3	13.4 (97)	5.9 (33)	15.4 (88)	39.4 (84)	14.5 (56)	1
36005043100	New York	Bronx	Fordham - Bronx Park	431	10,246	9,656	94.24	9,814	5,699	58.07	Yes	1,200 (85)	40 (97)	0.5 (95)	0.967 (97)	9.11 (64)	3	12.1 (91)	4.9 (16)	16.5 (91)	34.9 (67)	16.4 (75)	2
36005043400	New York	Bronx	Northeast Bronx	434	3,710	3,592	96.82	3,710	1,395	37.6	Yes	620 (72)	40 (97)	0.5 (95)	0.879 (97)	8.98 (60)	3	13.5 (97)	5.2 (21)	14.8 (85)	37 (77)	15.6 (68)	1
36005043500	New York	Bronx	Kingsbridge - Riverdale	435	499	483	96.79	499	302	60.52	Yes	2,200 (93)	40 (97)	0.5 (95)	0.953 (97)	9.08 (63)	3						
36005043600	New York	Bronx	Northeast Bronx	436	2,020	1,884	93.27	2,020	445	22.03	Yes	320 (54)	40 (97)	0.5 (95)	0.87 (97)	8.98 (60)	3	11.9 (90)	5.5 (26)	12 (65)	34.3 (64)	12 (27)	1
36005044200	New York	Bronx	Northeast Bronx	442	4,019	4,007	99.7	4,009	1,379	34.4	Yes	360 (57)	40 (97)	0.5 (95)	0.85 (97)	8.94 (59)	3	13.3 (96)	5.2 (21)	15 (86)	39.3 (84)	14.9 (61)	1
36005044400	New York	Bronx	Northeast Bronx	444	4,295	4,173	97.16	4,278	1,208	28.24	Yes	350 (56)	40 (97)	0.5 (95)	0.859 (97)	8.94 (59)	3	12.5 (93)	6.1 (37)	14.2 (82)	39.4 (84)	12.6 (34)	1
36005044800	New York	Bronx	Northeast Bronx	448	2,075	2,013	97.01	2,067	421	20.37	Yes	190 (41)	40 (97)	0.5 (95)	0.867 (97)	8.94 (59)	3	12.7 (94)	5.9 (33)	14.5 (84)	39.8 (86)	13 (39)	1
36005044902	New York	Bronx	Northeast Bronx	449.02	2,041	588	28.81	2,026	603	29.76	Yes	400 (60)	40 (97)	0.5 (95)	0.896 (97)	9.03 (62)	3	10.3 (65)	6.9 (54)	8.4 (21)	27.5 (24)	12.6 (34)	0
36005045600	New York	Bronx	Northeast Bronx	456	3,220	2,773	86.12	3,195	776	24.29	Yes	1,300 (87)	40 (97)	0.5 (95)	0.85 (97)	8.85 (57)	3	12 (90)	6.1 (37)	12.5 (69)	36.3 (74)	12.5 (33)	1

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36005045800	New York	Bronx	Northeast Bronx	458	5,744	5,720	99.58	5,644	4,541	80.46	Yes	400 (60)	40 (97)	0.5 (95)	0.921 (97)	8.97 (60)	3	14.9 (99)	4.7 (14)	18.7 (96)	37.6 (79)	20.1 (94)	3	
36005046000	New York	Bronx	Northeast Bronx	460	3,246	3,135	96.58	3,006	1,246	41.45	Yes	640 (73)	40 (97)	0.5 (95)	0.924 (97)	8.97 (60)	3	14.4 (98)	6.1 (37)	19.2 (96)	43.4 (93)	16.7 (77)	3	
36005046201	New York	Bronx	Northeast Bronx	462.01	28,109	26,126	92.95	26,914	6,894	25.61	Yes	1,700 (90)	40 (97)	0.5 (95)	0.899 (97)	8.9 (58)	3	11.8 (89)	8 (80)	16.4 (91)	44 (93)	11.4 (21)	2	
36005046202	New York	Bronx	Northeast Bronx	462.02	9,912	9,798	98.85	9,124	3,890	42.63	Yes	2,300 (93)	40 (97)	0.5 (95)	0.909 (97)	8.93 (59)	3	12.9 (95)	6.4 (43)	16.2 (90)	41.6 (89)	14.1 (52)	2	
36005048400	New York	Bronx	Northeast Bronx	484	4,277	4,175	97.62	4,203	819	19.49	Yes	850 (79)	40 (97)	0.5 (95)	0.898 (97)	8.92 (59)	3	12.6 (94)	5.6 (27)	13.3 (76)	37.7 (79)	12.7 (35)	1	
36047000200	New York	Kings	Sunset Park	2	1,167	1,021	87.49	1,163	623	53.57	Yes	4,900 (98)	40 (97)	0.6 (98)	1.32 (98)	9 (61)	3	10.1 (60)	3.3 (2)	11.7 (62)	24.1 (10)	16.9 (79)	0	
36047001300	New York	Kings	Downtown - Heights - Slope	13	1,917	743	38.76	1,917	542	28.27	Yes	7,400 (99)	40 (97)	0.6 (98)	1.403 (99)	9.14 (65)	3	8.6 (18)	5.8 (31)	8.5 (22)	25.3 (14)	10.4 (11)	0	
36047001500	New York	Kings	Downtown - Heights - Slope	15	9,011	6,442	71.49	8,995	3,063	34.05	Yes	3,900 (97)	40 (97)	0.6 (98)	1.39 (99)	9.13 (64)	3	9.6 (46)	4 (6)	7.2 (10)	21.4 (5)	11.6 (23)	0	
36047001800	New York	Kings	Sunset Park	18	1,897	1,572	82.87	0	0	0	Yes	3,100 (95)	40 (97)	0.6 (98)	1.461 (99)	9.01 (61)	3	7.9 (6)	2.5 (1)	8 (16)	22.1 (6)	13.2 (41)	0	
36047002000	New York	Kings	Sunset Park	20	1,412	1,385	98.09	1,412	921	65.23	Yes	4,900 (98)	40 (97)	0.6 (98)	1.273 (98)	8.98 (60)	3	9.6 (46)	3.6 (3)	10.9 (52)	21.4 (5)	15 (62)	0	
36047002200	New York	Kings	Sunset Park	22	4,698	3,857	82.1	4,504	2,255	50.07	Yes	4,100 (97)	40 (97)	0.5 (95)	1.225 (98)	8.97 (60)	3	9.3 (37)	5.7 (29)	13.6 (78)	29.7 (37)	13.6 (46)	0	
36047002300	New York	Kings	Downtown - Heights - Slope	23	4,219	4,187	99.24	4,145	3,189	76.94	Yes	5,500 (98)	40 (97)	0.6 (98)	1.391 (99)	9.15 (65)	3	13.2 (96)	4.9 (16)	19.1 (96)	36.9 (76)	18.9 (90)	3	
36047002901	New York	Kings	Downtown - Heights - Slope	29.01	4,447	4,340	97.59	4,386	2,992	68.22	Yes	3,800 (97)	40 (97)	0.6 (98)	1.373 (99)	9.12 (64)	3	13.8 (98)	5.1 (19)	18.3 (95)	37.5 (78)	19.4 (92)	3	
36047003100	New York	Kings	Downtown - Heights - Slope	31	3,259	1,924	59.04	2,350	209	8.89	Yes	1,700 (90)	40 (97)	0.6 (98)	1.372 (99)	9.12 (64)	3	9.3 (37)	6.8 (52)	9.2 (31)	27.7 (25)	9.4 (5)	0	
36047003300	New York	Kings	Downtown - Heights - Slope	33	4,202	2,342	55.74	4,190	643	15.35	Yes	1,400 (88)	40 (97)	0.6 (98)	1.37 (99)	9.11 (64)	3	8.2 (10)	3.9 (5)	4.8 (2)	17.3 (2)	9.3 (5)	0	
36047003500	New York	Kings	Downtown - Heights - Slope	35	1,907	1,017	53.33	1,904	405	21.27	Yes	1,900 (91)	40 (97)	0.6 (98)	1.364 (99)	9.1 (63)	3	9.3 (37)	4.8 (15)	7.2 (10)	22.5 (7)	10.2 (10)	0	
36047005201	New York	Kings	Bensonhurst - Bay Ridge	52.01	1,707	599	35.09	1,707	606	35.5	Yes	1,100 (84)	30 (83)	0.4 (81)	0.921 (97)	8.86 (57)	1	9.4 (40)	12.8 (99)	14.7 (85)	39.2 (84)	9.7 (7)	1	
36047006600	New York	Kings	Bensonhurst - Bay Ridge	66	3,542	1,253	35.38	3,541	1,148	32.42	Yes	510 (67)	30 (83)	0.5 (95)	1.135 (98)	8.9 (58)	2	9 (28)	5.8 (31)	7.6 (13)	21.6 (5)	11.5 (22)	0	
36047006800	New York	Kings	Bensonhurst - Bay Ridge	68	4,900	2,880	58.78	4,848	2,209	45.57	Yes	1,100 (84)	40 (97)	0.5 (95)	1.177 (98)	8.91 (58)	3	9.9 (54)	5.2 (21)	10.6 (49)	24.7 (12)	14.6 (57)	0	
36047007100	New York	Kings	Downtown - Heights - Slope	71	5,050	4,143	82.04	5,044	2,482	49.21	Yes	220 (45)	40 (97)	0.6 (98)	1.396 (99)	9.1 (63)	3	11.5 (86)	5.5 (26)	13.9 (80)	30.6 (42)	15 (62)	0	
36047007200	New York	Kings	Sunset Park	72	1,900	1,746	91.89	1,900	1,098	57.79	Yes	6,700 (99)	40 (97)	0.6 (98)	1.235 (98)	8.94 (59)	3	9.2 (34)	3.7 (4)	12 (65)	25.5 (15)	14.7 (58)	0	

36047007400	New York	Kings	Sunset Park	74	5,259	4,572	86.94	5,170	3,357	64.93	Yes	4,600 (97)	40 (97)	0.6 (98)	1.259 (98)	8.95 (60)	3	9.8 (52)	3.9 (5)	13.8 (79)	25.9 (17)	16.2 (73)	0
36047007600	New York	Kings	Sunset Park	76	5,151	4,431	86.02	5,151	3,128	60.73	Yes	4,300 (97)	40 (97)	0.6 (98)	1.267 (98)	8.96 (60)	3	9.2 (34)	4 (6)	13.1 (74)	26.2 (18)	14.7 (58)	0
36047007800	New York	Kings	Sunset Park	78	5,246	4,770	90.93	5,196	3,264	62.82	Yes	3,800 (97)	40 (97)	0.6 (98)	1.28 (98)	8.97 (60)	3	9.3 (37)	4 (6)	11.5 (59)	23.8 (9)	14.1 (52)	0
36047008000	New York	Kings	Sunset Park	80	3,615	2,950	81.6	3,615	1,028	28.44	Yes	3,400 (96)	40 (97)	0.6 (98)	1.294 (98)	8.97 (60)	3	8.5 (16)	4.5 (11)	10.4 (46)	23.5 (9)	12.2 (29)	0
36047008200	New York	Kings	Sunset Park	82	3,594	3,021	84.06	3,536	1,643	46.46	Yes	2,600 (94)	40 (97)	0.6 (98)	1.293 (98)	8.98 (60)	3	9 (28)	4.3 (9)	11.6 (61)	24.8 (12)	13.5 (44)	0
36047008400	New York	Kings	Sunset Park	84	3,621	3,048	84.18	3,621	2,072	57.22	Yes	2,300 (93)	40 (97)	0.6 (98)	1.305 (98)	8.99 (61)	3	9.4 (40)	4 (6)	10.4 (46)	22.3 (6)	14.4 (55)	0
36047008500	New York	Kings	Downtown - Heights - Slope	85	7,793	7,727	99.15	7,793	6,705	86.04	Yes	4,100 (97)	40 (97)	0.6 (98)	1.515 (99)	9.1 (63)	3	14 (98)	5.1 (19)	19.6 (97)	36.9 (76)	20.3 (95)	3
36047008800	New York	Kings	Sunset Park	88	2,235	1,355	60.63	2,235	632	28.28	Yes	580 (70)	40 (97)	0.6 (98)	1.278 (98)	8.98 (60)	3	8.2 (10)	4.4 (10)	7.8 (14)	19.1 (3)	10.9 (16)	0
36047009000	New York	Kings	Sunset Park	90	3,000	2,729	90.97	2,994	1,377	45.99	Yes	690 (74)	40 (97)	0.6 (98)	1.263 (98)	8.96 (60)	3	8.8 (23)	3.4 (3)	10.9 (52)	23 (7)	14.2 (53)	0
36047009200	New York	Kings	Sunset Park	92	5,322	4,755	89.35	5,202	3,017	58	Yes	520 (68)	40 (97)	0.6 (98)	1.267 (98)	8.95 (59)	3	9.2 (34)	3.8 (5)	12.4 (69)	25.3 (14)	14.7 (58)	0
36047009400	New York	Kings	Sunset Park	94	5,066	4,548	89.78	5,018	3,146	62.69	Yes	460 (64)	40 (97)	0.6 (98)	1.265 (98)	8.93 (59)	3	9.1 (31)	3.9 (5)	12.4 (69)	25.1 (13)	14.6 (57)	0
36047009600	New York	Kings	Sunset Park	96	6,079	5,202	85.57	6,029	3,942	65.38	Yes	400 (60)	40 (97)	0.6 (98)	1.27 (98)	8.96 (60)	3	9.8 (52)	3.9 (5)	13 (74)	25 (13)	16.1 (72)	0
36047009800	New York	Kings	Sunset Park	98	6,479	6,185	95.46	6,417	4,441	69.21	Yes	530 (68)	40 (97)	0.6 (98)	1.274 (98)	8.95 (60)	3	10.2 (62)	3.4 (3)	14.9 (85)	26.2 (18)	18.1 (86)	0
36047010000	New York	Kings	Sunset Park	100	6,035	5,470	90.64	6,014	2,818	46.86	Yes	460 (64)	40 (97)	0.6 (98)	1.265 (98)	8.94 (59)	3	9.5 (43)	3.9 (5)	14.5 (84)	27 (22)	15.6 (68)	0
36047010100	New York	Kings	Sunset Park	101	4,001	2,987	74.66	3,871	1,144	29.55	Yes	2,800 (95)	40 (97)	0.6 (98)	1.33 (98)	9.02 (61)	3	8.7 (21)	4.2 (8)	8.2 (18)	21.3 (5)	12.3 (30)	0
36047010200	New York	Kings	Sunset Park	102	4,698	4,563	97.13	4,666	2,364	50.66	Yes	660 (73)	40 (97)	0.6 (98)	1.261 (98)	8.93 (59)	3	8.5 (16)	3.7 (4)	12 (65)	24.2 (11)	13.8 (48)	0
36047010400	New York	Kings	Sunset Park	104	4,805	4,420	91.99	4,734	2,816	59.48	Yes	710 (75)	40 (97)	0.6 (98)	1.264 (98)	8.92 (59)	3	8.6 (18)	3.7 (4)	15.6 (88)	26.7 (20)	14.6 (57)	0
36047010600	New York	Kings	Sunset Park	106	4,417	4,136	93.64	4,417	2,869	64.95	Yes	450 (64)	40 (97)	0.6 (98)	1.267 (98)	8.93 (59)	3	8.7 (21)	3.7 (4)	15.6 (88)	26.5 (19)	14.8 (59)	0
36047010800	New York	Kings	Sunset Park	108	3,866	3,563	92.16	3,866	2,531	65.47	Yes	480 (65)	40 (97)	0.6 (98)	1.268 (98)	8.94 (59)	3	9.1 (31)	3.7 (4)	14.2 (82)	26.1 (18)	15.4 (66)	0
36047011000	New York	Kings	Borough Park	110	2,662	1,650	61.98	2,630	1,678	63.8	Yes	790 (77)	40 (97)	0.6 (98)	1.254 (98)	8.95 (59)	3	9.2 (34)	3.8 (5)	12.1 (66)	23.7 (9)	15.3 (65)	0
36047011200	New York	Kings	Borough Park	112	6,188	3,538	57.18	6,188	3,965	64.08	Yes	520 (67)	40 (97)	0.6 (98)	1.262 (98)	8.94 (59)	3	10.6 (72)	5.4 (24)	15.1 (86)	29.1 (33)	17.4 (82)	0
36047011400	New York	Kings	Borough Park	114	3,796	1,880	49.53	3,285	2,176	66.24	Yes	410 (61)	40 (97)	0.6 (98)	1.263 (98)	8.92 (59)	3	10.7 (74)	6.7 (49)	14.3 (82)	31.6 (48)	16.3 (74)	0
36047011600	New York	Kings	Borough Park	116	3,594	3,178	88.43	3,594	2,313	64.36	Yes	370 (58)	40 (97)	0.6 (98)	1.267 (98)	8.91 (58)	3	9 (28)	4.4 (10)	15.9 (89)	28.4 (29)	15 (62)	0
36047011800	New York	Kings	Sunset Park	118	2,105	2,013	95.63	2,105	1,004	47.7	Yes	1,700 (90)	40 (97)	0.6 (98)	1.265 (98)	8.91 (58)	3	8.6 (18)	3.7 (4)	13.8 (79)	26 (17)	14.2 (53)	0
36047012000	New York	Kings	Sunset Park	120	1,213	1,181	97.36	1,213	649	53.5	Yes	1,400 (88)	40 (97)	0.6 (98)	1.264 (98)	8.9 (58)	3	8.2 (10)	3.6 (3)	14.2 (82)	25.7 (16)	13.4 (43)	0
36047012200	New York	Kings	Sunset Park	122	5,482	5,051	92.14	5,482	3,539	64.56	Yes	4,300 (97)	40 (97)	0.6 (98)	1.25 (98)	8.93 (59)	3	9.7 (49)	4.1 (7)	14.2 (82)	27.3 (23)	16.3 (74)	0
36047012600	New York	Kings	Sunset Park	126	2,838	2,079	73.26	2,838	1,524	53.7	Yes	4,000 (97)	40 (97)	0.6 (98)	1.243 (98)	8.92 (59)	3	8.8 (23)	4.8 (15)	10.8 (51)	24.3 (11)	13.1 (40)	0
36047012700	New York	Kings	Downtown - Heights - Slope	127	4,318	2,910	67.39	4,289	2,138	49.85	Yes	900 (80)	40 (97)	0.6 (98)	1.379 (99)	9.09 (63)	3	11.5 (86)	4.9 (16)	13.1 (74)	28 (27)	15.9 (71)	0
36047012801	New York	Kings	Sunset Park	128.01	2,293	1,609	70.17	2,293	1,491	65.02	Yes	2,800 (95)	40 (97)	0.6 (98)	1.251 (98)	8.9 (58)	3	9.3 (37)	5.4 (24)	14.3 (82)	28.9 (32)	14 (50)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index (Ratio of exposure to health-based reference concentration (Percentile))	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047013000	New York	Kings	Bensonhurst - Bay Ridge	130	4,615	2,336	50.62	4,602	2,012	43.72	Yes	1,800 (91)	40 (97)	0.6 (98)	1.23 (98)	8.91 (58)	3	9.8 (52)	5.5 (26)	10.6 (49)	25.5 (15)	14.3 (54)	0	
36047013200	New York	Kings	Bensonhurst - Bay Ridge	132	2,372	1,592	67.12	2,368	1,216	51.35	Yes	3,300 (96)	40 (97)	0.6 (98)	1.229 (98)	8.88 (57)	3	9.6 (46)	5.4 (24)	12.6 (70)	27.6 (25)	14.5 (56)	0	
36047013400	New York	Kings	Bensonhurst - Bay Ridge	134	4,117	1,611	39.13	4,115	1,264	30.72	Yes	2,700 (94)	40 (97)	0.6 (98)	1.209 (98)	8.89 (58)	3	8.6 (18)	6.2 (39)	7.6 (13)	23.3 (8)	10.7 (14)	0	
36047014300	New York	Kings	Downtown - Heights - Slope	143	3,672	1,871	50.95	3,672	492	13.4	Yes	8,000 (99)	40 (97)	0.6 (98)	1.378 (99)	9.03 (62)	3	8.1 (9)	4 (6)	5.3 (3)	16.3 (1)	10.2 (10)	0	
36047015400	New York	Kings	Bensonhurst - Bay Ridge	154	11	11	100	11	11	100	Yes					8.8 (55)								
36047016200	New York	Kings	Bensonhurst - Bay Ridge	162	2,294	868	37.84	2,294	670	29.21	Yes	6,900 (99)	30 (83)	0.5 (95)	1.068 (97)	8.82 (56)	2	8.5 (16)	6.6 (47)	7.9 (15)	23.2 (8)	10.2 (10)	0	
36047016400	New York	Kings	Bensonhurst - Bay Ridge	164	1,264	792	62.66	1,074	31	2.89	Yes	3,600 (96)	40 (97)	0.5 (95)	1.115 (98)	8.8 (55)	3	8.4 (14)	3.2 (2)	4.4 (1)	16.6 (1)	9.9 (8)	0	
36047017000	New York	Kings	Bensonhurst - Bay Ridge	170	3,484	2,143	61.51	3,484	1,002	28.76	Yes	720 (75)	40 (97)	0.5 (95)	1.215 (98)	8.79 (55)	3	8.7 (21)	6.6 (47)	10.1 (42)	26.2 (18)	11.4 (21)	0	
36047017200	New York	Kings	Bensonhurst - Bay Ridge	172	3,262	2,223	68.15	3,262	713	21.86	Yes	680 (74)	40 (97)	0.5 (95)	1.216 (98)	8.78 (55)	3	8.7 (21)	6.3 (41)	10.1 (42)	26.8 (21)	11.2 (19)	0	
36047017400	New York	Kings	Bensonhurst - Bay Ridge	174	2,191	1,096	50.02	2,191	513	23.41	Yes	2,900 (95)	40 (97)	0.5 (95)	1.195 (98)	8.75 (54)	3	8.8 (23)	7.2 (61)	9.1 (29)	24.9 (13)	10.8 (15)	0	
36047017600	New York	Kings	Bensonhurst - Bay Ridge	176	2,413	1,067	44.22	2,413	835	34.6	Yes	3,000 (95)	40 (97)	0.5 (95)	1.199 (98)	8.75 (54)	3	9.3 (37)	6.3 (41)	10.3 (45)	26 (17)	12.7 (35)	0	
36047017800	New York	Kings	Bensonhurst - Bay Ridge	178	3,073	2,323	75.59	2,859	1,132	39.59	Yes	730 (76)	40 (97)	0.5 (95)	1.232 (98)	8.77 (54)	3	8.6 (18)	6.2 (39)	11.1 (55)	26.4 (19)	12 (27)	0	
36047017900	New York	Kings	Bedford Stuyvesant - Crown Heights	179	4,348	3,401	78.22	4,002	1,393	34.81	Yes	1,500 (88)	40 (97)	0.6 (98)	1.349 (99)	9.09 (63)	3	10.6 (72)	6.5 (45)	12.8 (72)	34.5 (65)	11.7 (24)	0	
36047018000	New York	Kings	Bensonhurst - Bay Ridge	180	3,518	2,376	67.54	3,518	1,183	33.63	Yes	420 (62)	40 (97)	0.5 (95)	1.227 (98)	8.78 (54)	3	8.7 (21)	5.3 (22)	9.6 (36)	25 (13)	12 (27)	0	
36047018200	New York	Kings	Bensonhurst - Bay Ridge	182	3,501	2,411	68.87	3,501	1,390	39.7	Yes	380 (59)	40 (97)	0.6 (98)	1.258 (98)	8.79 (55)	3	8.8 (23)	5.5 (26)	11.9 (64)	26.5 (19)	12.8 (36)	0	
36047018400	New York	Kings	Bensonhurst - Bay Ridge	184	2,617	1,465	55.98	2,608	771	29.56	Yes	370 (58)	40 (97)	0.5 (95)	1.248 (98)	8.8 (55)	3	8.8 (23)	7 (56)	10.7 (50)	27.1 (22)	11.5 (22)	0	
36047018501	New York	Kings	Downtown - Heights - Slope	185.01	4,153	3,823	92.05	4,144	3,023	72.95	Yes	2,000 (92)	40 (97)	0.6 (98)	1.369 (99)	9.12 (64)	3	14 (98)	5.1 (19)	18 (94)	36.7 (75)	19.7 (93)	3	
36047018600	New York	Kings	Bensonhurst - Bay Ridge	186	2,155	1,007	46.73	2,155	992	46.03	Yes	440 (63)	40 (97)	0.5 (95)	1.254 (98)	8.81 (55)	3	8.8 (23)	6.2 (39)	10.6 (49)	25 (13)	11.9 (26)	0	
36047018700	New York	Kings	Downtown - Heights - Slope	187	1,488	838	56.32	1,478	489	33.09	Yes	3,100 (95)	40 (97)	0.6 (98)	1.362 (99)	9.11 (64)	3	9.5 (43)	3.9 (5)	6.7 (7)	19.7 (3)	12.1 (28)	0	
36047019000	New York	Kings	Bensonhurst - Bay Ridge	190	4,763	3,386	71.09	4,754	2,040	42.91	Yes	830 (78)	40 (97)	0.6 (98)	1.283 (98)	8.84 (56)	3	8.9 (26)	4.9 (16)	11.5 (59)	26 (17)	13.2 (41)	0	
36047019100	New York	Kings	Downtown - Heights - Slope	191	2,972	1,473	49.56	2,926	982	33.56	Yes	5,000 (98)	40 (97)	0.6 (98)	1.342 (99)	9.1 (64)	3	9.2 (34)	3.7 (4)	6.1 (4)	18.8 (2)	11.1 (18)	0	
36047019200	New York	Kings	Borough Park	192	2,934	1,850	63.05	2,921	1,641	56.18	Yes	780 (77)	40 (97)	0.6 (98)	1.276 (98)	8.87 (57)	3	9.4 (40)	4.8 (15)	10.9 (52)	25 (13)	14.4 (55)	0	



36047019300	New York	Kings	Downtown - Heights - Slope	193	5,882	3,848	65.42	4,467	1,685	37.72	Yes	1,300 (87)	40 (97)	0.6 (98)	1.323 (98)	9.09 (63)	3	11 (79)	5.2 (21)	9.9 (40)	26.2 (18)	13.6 (46)	0
36047019400	New York	Kings	Borough Park	194	4,027	3,211	79.74	4,023	2,435	60.53	Yes	960 (81)	40 (97)	0.6 (98)	1.252 (98)	8.86 (57)	3	9 (28)	5.1 (19)	13.1 (74)	27.1 (22)	13.8 (48)	0
36047019600	New York	Kings	Bensonhurst - Bay Ridge	196	4,214	2,773	65.8	4,180	1,963	46.96	Yes	530 (68)	40 (97)	0.6 (98)	1.289 (98)	8.85 (57)	3	9.3 (37)	6.3 (41)	13.2 (75)	28.9 (32)	13.8 (48)	0
36047019800	New York	Kings	Bensonhurst - Bay Ridge	198	1,926	1,141	59.24	1,909	689	36.09	Yes	610 (71)	40 (97)	0.5 (95)	1.258 (98)	8.83 (56)	3	9.6 (46)	7 (56)	9.8 (38)	26.9 (21)	12.9 (37)	0
36047020000	New York	Kings	Bensonhurst - Bay Ridge	200	2,417	1,387	57.39	2,405	779	32.39	Yes	390 (60)	40 (97)	0.6 (98)	1.26 (98)	8.83 (56)	3	9.8 (52)	6.1 (37)	10.8 (51)	27 (22)	14.2 (53)	0
36047020300	New York	Kings	Bedford Stuyvesant - Crown Heights	203	1,826	1,146	62.76	1,826	299	16.37	Yes	1,900 (91)	40 (97)	0.6 (98)	1.313 (98)	9.07 (62)	3	9.1 (31)	4.2 (8)	7.2 (10)	21.2 (5)	11 (17)	0
36047020800	New York	Kings	Bensonhurst - Bay Ridge	208	3,092	2,184	70.63	3,086	1,237	40.08	Yes	640 (73)	40 (97)	0.6 (98)	1.253 (98)	8.86 (57)	3	8.6 (18)	6 (35)	10.4 (46)	26.1 (18)	11.6 (23)	0
36047021000	New York	Kings	Borough Park	210	3,967	2,854	71.94	3,967	2,000	50.42	Yes	720 (75)	40 (97)	0.6 (98)	1.246 (98)	8.88 (57)	3	9.3 (37)	5.5 (26)	13.1 (74)	28.5 (30)	14.1 (52)	0
36047021100	New York	Kings	Downtown - Heights - Slope	211	2,206	1,815	82.28	2,186	743	33.99	Yes	2,900 (95)	40 (97)	0.6 (98)	1.371 (99)	9.12 (64)	3	9.5 (43)	4.8 (15)	9.9 (40)	26.2 (18)	11.1 (18)	0
36047021200	New York	Kings	Borough Park	212	4,334	3,390	78.22	4,292	2,638	61.46	Yes	820 (78)	40 (97)	0.6 (98)	1.272 (98)	8.88 (57)	3	9.4 (40)	4.6 (12)	14.4 (83)	27.7 (25)	15.3 (65)	0
36047021300	New York	Kings	East Flatbush - Flatbush	213	4,113	3,357	81.62	4,113	1,357	32.99	Yes	1,700 (90)	40 (97)	0.6 (98)	1.246 (98)	9.03 (62)	3	11.2 (82)	5.2 (21)	10.9 (52)	31.6 (48)	12.2 (29)	0
36047021400	New York	Kings	Borough Park	214	2,187	1,034	47.28	2,181	1,188	54.47	Yes	550 (69)	40 (97)	0.6 (98)	1.269 (98)	8.89 (58)	3	10.1 (60)	4.8 (15)	11.4 (58)	25.7 (16)	16.2 (73)	0
36047021500	New York	Kings	Bedford Stuyvesant - Crown Heights	215	5,638	3,352	59.45	5,638	1,466	26	Yes	950 (81)	40 (97)	0.6 (98)	1.281 (98)	9.06 (62)	3	10 (57)	4.9 (16)	7.9 (15)	24.6 (12)	11.2 (19)	0
36047021600	New York	Kings	Borough Park	216	4,022	771	19.17	3,931	2,359	60.01	Yes	330 (55)	40 (97)	0.6 (98)	1.276 (98)	8.9 (58)	3	11 (79)	5.7 (29)	10.9 (52)	26.3 (18)	17.8 (85)	0
36047021700	New York	Kings	Bedford Stuyvesant - Crown Heights	217	3,733	2,913	78.03	3,733	1,441	38.6	Yes	1,700 (90)	40 (97)	0.6 (98)	1.248 (98)	9.04 (62)	3	10.3 (65)	4.9 (16)	9.4 (33)	26.3 (18)	11.8 (25)	0
36047021800	New York	Kings	Borough Park	218	3,128	373	11.92	3,128	2,138	68.35	Yes	340 (56)	40 (97)	0.6 (98)	1.271 (98)	8.9 (58)	3	11.5 (86)	5.9 (33)	11.1 (55)	27.9 (26)	18.6 (89)	0
36047021900	New York	Kings	Bedford Stuyvesant - Crown Heights	219	3,557	2,540	71.41	3,557	1,073	30.17	Yes	1,900 (91)	40 (97)	0.6 (98)	1.227 (98)	9.04 (62)	3	10.9 (77)	4.7 (14)	10 (41)	27.5 (24)	12.9 (37)	0
36047022000	New York	Kings	Borough Park	220	4,776	960	20.1	4,742	3,625	76.44	Yes	510 (67)	40 (97)	0.6 (98)	1.265 (98)	8.91 (58)	3	12.4 (93)	5.8 (31)	12.2 (67)	28.4 (29)	20.8 (96)	2
36047022100	New York	Kings	Bedford Stuyvesant - Crown Heights	221	3,976	2,517	63.3	3,969	1,585	39.93	Yes	2,000 (92)	40 (97)	0.6 (98)	1.228 (98)	9.04 (62)	3	10.6 (72)	4.3 (9)	9.6 (36)	27.2 (23)	12.8 (36)	0
36047022200	New York	Kings	Borough Park	222	4,008	263	6.56	4,008	2,852	71.16	Yes	460 (64)	40 (97)	0.6 (98)	1.258 (98)	8.91 (58)	3	11.2 (82)	5.9 (33)	10.9 (52)	28.2 (28)	17.8 (85)	0
36047022400	New York	Kings	Borough Park	224	5,785	1,605	27.74	5,785	3,947	68.23	Yes	440 (63)	40 (97)	0.6 (98)	1.252 (98)	8.92 (59)	3	10.4 (67)	4.6 (12)	10 (41)	25.2 (14)	16.6 (77)	0
36047022600	New York	Kings	Borough Park	226	2,233	1,334	59.74	2,233	1,375	61.58	Yes	770 (77)	40 (97)	0.6 (98)	1.25 (98)	8.92 (59)	3	9.6 (46)	3.6 (3)	11 (54)	23.3 (8)	16.2 (73)	0
36047022700	New York	Kings	Bedford Stuyvesant - Crown Heights	227	3,794	2,348	61.89	3,792	718	18.93	Yes	2,000 (92)	40 (97)	0.6 (98)	1.256 (98)	9.07 (62)	3	10.1 (60)	4.6 (12)	8.9 (27)	28.2 (28)	10.9 (16)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047022800	New York	Kings	Borough Park	228	3,627	1,253	34.55	3,537	2,155	60.93	Yes	760 (76)	40 (97)	0.6 (98)	1.252 (98)	8.91 (58)	3	10.2 (62)	4.2 (8)	12.6 (70)	26.3 (18)	17.2 (81)	0	
36047022900	New York	Kings	Bedford Stuyvesant - Crown Heights	229	3,675	2,151	58.53	3,668	894	24.37	Yes	1,000 (82)	40 (97)	0.6 (98)	1.261 (98)	9.06 (62)	3	10.3 (65)	4.2 (8)	7.9 (15)	24.9 (13)	11.7 (24)	0	
36047023000	New York	Kings	Borough Park	230	4,251	680	16	4,251	2,891	68.01	Yes	390 (60)	40 (97)	0.6 (98)	1.259 (98)	8.91 (58)	3	11.2 (82)	4.6 (12)	10.5 (47)	25.4 (15)	18.9 (90)	1	
36047023100	New York	Kings	Bedford Stuyvesant - Crown Heights	231	3,696	2,178	58.93	3,694	673	18.22	Yes	790 (77)	40 (97)	0.6 (98)	1.297 (98)	9.08 (63)	3	9.7 (49)	4.7 (14)	7.4 (11)	23.4 (8)	10.8 (15)	0	
36047023200	New York	Kings	Borough Park	232	5,561	1,093	19.65	5,533	3,704	66.94	Yes	340 (56)	40 (97)	0.6 (98)	1.262 (98)	8.9 (58)	3	11.6 (87)	5.8 (31)	11.6 (61)	28.2 (28)	18.9 (90)	1	
36047023300	New York	Kings	Bedford Stuyvesant - Crown Heights	233	5,884	4,171	70.89	5,864	2,227	37.98	Yes	1,100 (84)	40 (97)	0.6 (98)	1.268 (98)	9.07 (63)	3	11.3 (84)	4.3 (9)	10.3 (45)	28 (27)	14 (50)	0	
36047023400	New York	Kings	Borough Park	234	4,563	230	5.04	4,512	3,192	70.74	Yes	320 (54)	40 (97)	0.6 (98)	1.268 (98)	8.88 (57)	3	12.3 (92)	6.9 (54)	11.9 (64)	29.6 (36)	20.5 (95)	2	
36047023500	New York	Kings	Downtown Heights - Slope	235	4,694	1,859	39.6	4,694	2,411	51.36	Yes	1,200 (85)	40 (97)	0.6 (98)	1.273 (98)	9.09 (63)	3	10.4 (67)	2.8 (1)	6.2 (5)	17.6 (2)	16.1 (72)	0	
36047023600	New York	Kings	Borough Park	236	5,549	379	6.83	5,549	4,069	73.33	Yes	330 (55)	40 (97)	0.6 (98)	1.273 (98)	8.88 (57)	3	12 (90)	6.8 (52)	11.6 (61)	29.2 (34)	20.2 (94)	2	
36047023800	New York	Kings	Borough Park	238	3,634	171	4.71	3,634	2,195	60.4	Yes	290 (51)	40 (97)	0.6 (98)	1.283 (98)	8.87 (57)	3	11.1 (81)	7.4 (66)	10.5 (47)	29.5 (36)	16.6 (77)	0	
36047024000	New York	Kings	Borough Park	240	4,823	578	11.98	4,745	3,307	69.69	Yes	410 (61)	40 (97)	0.6 (98)	1.292 (98)	8.87 (57)	3	11.3 (84)	7.2 (61)	10.9 (52)	30.6 (42)	17.5 (83)	0	
36047024100	New York	Kings	Downtown Heights - Slope	241	2,765	1,195	43.22	2,658	1,282	48.23	Yes	1,200 (85)	40 (97)	0.6 (98)	1.216 (98)	9.07 (63)	3	10.2 (62)	4.6 (12)	9.4 (33)	25 (13)	13.7 (47)	0	
36047024200	New York	Kings	Borough Park	242	2,868	320	11.16	2,868	1,329	46.34	Yes	650 (73)	40 (97)	0.6 (98)	1.288 (98)	8.85 (56)	3	10.4 (67)	5.3 (22)	8.2 (18)	23.1 (8)	16 (71)	0	
36047024300	New York	Kings	Bedford Stuyvesant - Crown Heights	243	4,122	2,779	67.42	4,095	1,486	36.29	Yes	800 (78)	40 (97)	0.6 (98)	1.219 (98)	9.06 (62)	3	10.6 (72)	4.9 (16)	9.5 (34)	28.2 (28)	11.7 (24)	0	
36047024400	New York	Kings	Borough Park	244	3,609	745	20.64	3,564	1,660	46.58	Yes	680 (74)	40 (97)	0.6 (98)	1.285 (98)	8.82 (56)	3	10.5 (70)	5.8 (31)	10.6 (49)	26.6 (20)	16.3 (74)	0	
36047024500	New York	Kings	Bedford Stuyvesant - Crown Heights	245	4,491	3,267	72.75	4,491	1,145	25.5	Yes	1,200 (85)	40 (97)	0.6 (98)	1.225 (98)	9.05 (62)	3	10.9 (77)	4.6 (12)	10.2 (43)	30.6 (42)	12 (27)	0	
36047024600	New York	Kings	Borough Park	246	2,880	1,338	46.46	2,879	1,068	37.1	Yes	640 (72)	40 (97)	0.6 (98)	1.41 (99)	8.79 (55)	3	9.3 (37)	6 (35)	10.8 (51)	26.4 (19)	13.2 (41)	0	
36047024700	New York	Kings	Bedford Stuyvesant - Crown Heights	247	2,672	2,134	79.87	2,664	1,507	56.57	Yes	2,300 (93)	40 (97)	0.6 (98)	1.214 (98)	9.05 (62)	3	11.9 (90)	4.6 (12)	13.4 (77)	33.2 (58)	14.8 (59)	1	

36047024800	New York	Kings	Borough Park	248	2,653	1,695	63.89	2,653	955	36	Yes	1,000 (82)	40 (97)	0.6 (98)	1.312 (98)	8.83 (56)	3	9 (28)	5.7 (29)	10.8 (51)	26.6 (20)	12.7 (35)	0
36047024900	New York	Kings	Bedford Stuyvesant - Crown Heights	249	4,018	2,677	66.63	4,008	1,058	26.4	Yes	710 (75)	40 (97)	0.6 (98)	1.201 (98)	9.04 (62)	3	10.8 (76)	4.8 (15)	9.7 (37)	29.1 (33)	11.7 (24)	0
36047025000	New York	Kings	Borough Park	250	1,853	1,628	87.86	1,848	906	49.03	Yes	1,000 (83)	40 (97)	0.6 (98)	1.275 (98)	8.85 (56)	3	8.7 (21)	5.1 (19)	13.7 (79)	27.5 (24)	13 (39)	0
36047025100	New York	Kings	Bedford Stuyvesant - Crown Heights	251	3,741	2,865	76.58	3,741	1,714	45.82	Yes	560 (69)	40 (97)	0.6 (98)	1.176 (98)	9.05 (62)	3	12.1 (91)	4.7 (14)	12.6 (70)	32.8 (55)	14.9 (61)	1
36047025200	New York	Kings	Borough Park	252	5,299	3,435	64.82	5,277	2,023	38.34	Yes	1,100 (84)	40 (97)	0.6 (98)	1.32 (98)	8.82 (56)	3	8.5 (16)	6 (35)	10.5 (47)	26.5 (19)	11.5 (22)	0
36047025300	New York	Kings	Williamsburg - Bushwick	253	3,496	2,437	69.71	3,496	1,682	48.11	Yes	790 (77)	40 (97)	0.6 (98)	1.152 (98)	9.06 (62)	3	11.3 (84)	4.7 (14)	11.9 (64)	29.3 (34)	14.1 (52)	0
36047025400	New York	Kings	Borough Park	254	3,413	2,062	60.42	3,406	1,602	47.03	Yes	1,100 (84)	40 (97)	0.6 (98)	1.378 (99)	8.79 (55)	3	8.6 (18)	5.5 (26)	12.3 (68)	26.5 (19)	12.3 (30)	0
36047025500	New York	Kings	Williamsburg - Bushwick	255	5,598	5,533	98.84	5,582	4,331	77.59	Yes	1,100 (83)	40 (97)	0.6 (98)	1.188 (98)	9.07 (63)	3	13.6 (97)	5.1 (19)	18 (94)	35.2 (69)	19.3 (92)	3
36047025600	New York	Kings	Borough Park	256	3,199	2,461	76.93	3,190	1,776	55.67	Yes	1,100 (83)	40 (97)	0.6 (98)	1.349 (99)	8.78 (54)	3	9 (28)	6.3 (41)	14.3 (82)	29.7 (37)	13.1 (40)	0
36047025700	New York	Kings	Williamsburg - Bushwick	257	2,476	1,813	73.22	2,470	983	39.8	Yes	910 (80)	40 (97)	0.6 (98)	1.125 (98)	9.06 (62)	3	9.7 (49)	3.8 (5)	9.4 (33)	23.8 (9)	13.3 (42)	0
36047025800	New York	Kings	Borough Park	258	4,354	2,504	57.51	4,331	2,026	46.78	Yes	550 (69)	40 (97)	0.6 (98)	1.33 (98)	8.78 (55)	3	9.5 (43)	5.8 (31)	11.7 (62)	26.9 (21)	13.8 (48)	0
36047025901	New York	Kings	Williamsburg - Bushwick	259.01	2,257	1,621	71.82	2,257	1,059	46.92	Yes	620 (72)	40 (97)	0.6 (98)	1.127 (98)	9.05 (62)	3	10.5 (70)	3.3 (2)	8.5 (22)	21.8 (5)	14.5 (56)	0
36047025902	New York	Kings	Williamsburg - Bushwick	259.02	3,533	3,533	100	3,508	3,230	92.08	Yes	750 (76)	40 (97)	0.6 (98)	1.122 (98)	9.05 (62)	3	14.8 (99)	4.8 (15)	20.4 (97)	38.2 (81)	22.5 (98)	3
36047026000	New York	Kings	Borough Park	260	3,214	2,102	65.4	3,214	1,391	43.28	Yes	670 (74)	40 (97)	0.6 (98)	1.289 (98)	8.81 (55)	3	8.6 (18)	5.7 (29)	11 (54)	26.4 (19)	12 (27)	0
36047026100	New York	Kings	Williamsburg - Bushwick	261	4,497	3,601	80.08	4,495	1,947	43.31	Yes	590 (71)	40 (97)	0.5 (95)	1.129 (98)	9.05 (62)	3	11.2 (82)	4.2 (8)	10.6 (49)	28.8 (31)	13.9 (49)	0
36047026200	New York	Kings	Borough Park	262	2,425	1,679	69.24	2,425	803	33.11	Yes	590 (71)	40 (97)	0.6 (98)	1.283 (98)	8.82 (56)	3	9.1 (31)	5.7 (29)	12.7 (71)	26.6 (20)	13.1 (40)	0
36047026300	New York	Kings	Bedford Stuyvesant - Crown Heights	263	2,015	1,533	76.08	2,007	955	47.58	Yes	570 (70)	40 (97)	0.6 (98)	1.142 (98)	9.05 (62)	3	11.9 (90)	4.8 (15)	12.5 (69)	32.4 (53)	14 (50)	1
36047026400	New York	Kings	Borough Park	264	4,594	3,324	72.36	4,587	1,896	41.33	Yes	460 (64)	40 (97)	0.6 (98)	1.269 (98)	8.8 (55)	3	9.1 (31)	5.2 (21)	10.6 (49)	24.7 (12)	13.4 (43)	0
36047026500	New York	Kings	Williamsburg - Bushwick	265	4,118	3,241	78.7	4,075	1,310	32.15	Yes	480 (65)	40 (97)	0.6 (98)	1.155 (98)	9.03 (62)	3	12 (90)	4.7 (14)	11.6 (61)	31.6 (48)	13.9 (49)	1
36047026600	New York	Kings	Borough Park	266	3,517	2,782	79.1	3,517	1,600	45.49	Yes	300 (53)	40 (97)	0.6 (98)	1.305 (98)	8.78 (55)	3	9.7 (49)	6 (35)	12.5 (69)	27.8 (26)	14 (50)	0
36047026700	New York	Kings	Bedford Stuyvesant - Crown Heights	267	4,055	2,901	71.54	3,927	1,158	29.49	Yes	370 (58)	40 (97)	0.6 (98)	1.183 (98)	9.03 (62)	3	10.8 (76)	6 (35)	11.6 (61)	34.1 (63)	11.2 (19)	0
36047026800	New York	Kings	Borough Park	268	3,965	2,362	59.57	3,960	1,845	46.59	Yes	530 (68)	40 (97)	0.6 (98)	1.303 (98)	8.77 (54)	3	9.3 (37)	6 (35)	11.2 (56)	26.8 (21)	13.4 (43)	0
36047026900	New York	Kings	Bedford Stuyvesant - Crown Heights	269	3,147	2,673	84.94	3,128	949	30.34	Yes	960 (81)	40 (97)	0.6 (98)	1.194 (98)	9.03 (62)	3	11.4 (85)	5.1 (19)	11.5 (59)	32.1 (51)	12.7 (35)	0
36047027000	New York	Kings	Bensonhurst - Bay Ridge	270	2,139	856	40.02	2,139	1,036	48.43	Yes	900 (80)	40 (97)	0.6 (98)	1.31 (98)	8.75 (54)	3	9.2 (34)	7.4 (66)	10.9 (52)	27.7 (25)	11.9 (26)	0

## Central Business District (CBD) Tolling Program: Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047027100	New York	Kings	Bedford Stuyvesant - Crown Heights	271	3,103	2,726	87.85	3,093	1,109	35.86	Yes	1,800 (91)	40 (97)	0.6 (98)	1.189 (98)	9 (61)	3	11.5 (86)	5.2 (21)	11.9 (64)	33.5 (59)	12.6 (34)	0	
36047027200	New York	Kings	Bensonhurst - Bay Ridge	272	3,755	2,479	66.02	3,755	1,368	36.43	Yes	420 (62)	40 (97)	0.6 (98)	1.284 (98)	8.76 (54)	3	9 (28)	6 (35)	11 (54)	26.6 (20)	12.7 (35)	0	
36047027300	New York	Kings	Bedford Stuyvesant - Crown Heights	273	3,431	2,959	86.24	3,427	1,157	33.76	Yes	1,100 (84)	40 (97)	0.6 (98)	1.185 (98)	9.01 (61)	3	12 (90)	5.1 (19)	12.1 (66)	33.8 (61)	13.6 (46)	1	
36047027400	New York	Kings	Bensonhurst - Bay Ridge	274	3,602	2,282	63.35	3,543	1,292	36.47	Yes	280 (50)	40 (97)	0.6 (98)	1.275 (98)	8.77 (54)	3	9.1 (31)	6 (35)	11.2 (56)	27 (22)	12.6 (34)	0	
36047027500	New York	Kings	Bedford Stuyvesant - Crown Heights	275	4,438	3,731	84.07	4,401	1,295	29.43	Yes	360 (58)	40 (97)	0.6 (98)	1.161 (98)	9.01 (61)	3	11.1 (81)	4.9 (16)	11.2 (56)	31.4 (47)	12.2 (29)	0	
36047027600	New York	Kings	Bensonhurst - Bay Ridge	276	3,646	2,680	73.51	3,609	1,861	51.57	Yes	420 (61)	40 (97)	0.6 (98)	1.262 (98)	8.78 (55)	3	9.4 (40)	5.4 (24)	12.1 (66)	25.8 (16)	13.9 (49)	0	
36047027700	New York	Kings	Williamsburg - Bushwick	277	4,582	4,054	88.48	4,580	1,985	43.34	Yes	450 (64)	40 (97)	0.6 (98)	1.13 (98)	9.02 (61)	3	12.7 (94)	4.7 (14)	12.8 (72)	34.8 (67)	15.3 (65)	1	
36047027800	New York	Kings	Bensonhurst - Bay Ridge	278	3,118	1,896	60.81	3,118	888	28.48	Yes	720 (75)	40 (97)	0.5 (95)	1.243 (98)	8.77 (54)	3	8.7 (21)	6 (35)	9 (28)	24.1 (10)	11.7 (24)	0	
36047027900	New York	Kings	Williamsburg - Bushwick	279	3,660	3,126	85.41	3,658	1,316	35.98	Yes	620 (72)	40 (97)	0.5 (95)	1.105 (98)	9.02 (61)	3	11.5 (86)	5 (18)	11.2 (56)	32.2 (52)	12.3 (30)	0	
36047028000	New York	Kings	Bensonhurst - Bay Ridge	280	1,829	1,117	61.07	1,829	585	31.98	Yes	1,800 (91)	40 (97)	0.5 (95)	1.204 (98)	8.75 (54)	3	8.8 (23)	5.9 (33)	10.7 (50)	25.9 (17)	12.2 (29)	0	
36047028100	New York	Kings	Williamsburg - Bushwick	281	4,764	4,140	86.9	4,755	2,981	62.69	Yes	640 (73)	40 (97)	0.5 (95)	1.111 (98)	9.04 (62)	3	12.7 (94)	4.3 (9)	14.5 (84)	33.9 (62)	17.2 (81)	1	
36047028200	New York	Kings	Bensonhurst - Bay Ridge	282	3,762	2,641	70.2	3,762	1,485	39.47	Yes	1,300 (87)	30 (83)	0.5 (95)	1.199 (98)	8.74 (53)	2	8.6 (18)	6.7 (49)	10.1 (42)	27 (22)	11.2 (19)	0	
36047028300	New York	Kings	Williamsburg - Bushwick	283	3,863	3,257	84.31	3,675	2,229	60.65	Yes	830 (78)	40 (97)	0.6 (98)	1.108 (98)	9.04 (62)	3	12.1 (91)	4.5 (11)	13.9 (80)	31.6 (48)	16.2 (73)	1	
36047028400	New York	Kings	Bensonhurst - Bay Ridge	284	3,532	2,062	58.38	3,532	1,278	36.18	Yes	460 (64)	40 (97)	0.5 (95)	1.244 (98)	8.75 (54)	3	9.1 (31)	5.9 (33)	9.9 (40)	25.7 (16)	12.6 (34)	0	
36047028501	New York	Kings	Williamsburg - Bushwick	285.01	454	352	77.53	432	193	44.68	Yes	1,300 (87)	40 (97)	0.6 (98)	1.111 (98)	9.04 (62)	3	9.3 (37)	3.2 (2)	7.7 (14)	19.2 (3)	13.7 (47)	0	
36047028502	New York	Kings	Williamsburg - Bushwick	285.02	3,205	3,205	100	3,205	2,005	62.56	Yes	1,100 (84)	40 (97)	0.6 (98)	1.11 (98)	9.04 (62)	3	13.3 (96)	5.7 (29)	18.9 (96)	38.3 (81)	18.3 (88)	2	
36047028600	New York	Kings	Bensonhurst - Bay Ridge	286	5,110	2,708	52.99	5,110	2,764	54.09	Yes	2,100 (92)	40 (97)	0.5 (95)	1.199 (98)	8.73 (53)	3	9.1 (31)	7.7 (73)	11.4 (58)	30.1 (39)	11.7 (24)	0	
36047028700	New York	Kings	Williamsburg - Bushwick	287	3,093	2,615	84.55	3,091	1,632	52.8	Yes	1,000 (83)	40 (97)	0.6 (98)	1.096 (98)	9.02 (61)	3	10.7 (74)	4.6 (12)	12.4 (69)	28.3 (29)	14.5 (56)	0	
36047028800	New York	Kings	Bensonhurst - Bay Ridge	288	3,836	2,452	63.92	3,792	1,693	44.65	Yes	570 (70)	40 (97)	0.5 (95)	1.247 (98)	8.74 (54)	3	9.1 (31)	5.9 (33)	12.2 (67)	27.2 (23)	13 (39)	0	
36047028900	New York	Kings	Williamsburg - Bushwick	289	3,619	3,180	87.87	3,619	1,975	54.57	Yes	830 (78)	40 (97)	0.5 (95)	1.089 (98)	9 (61)	3	11.5 (86)	4.9 (16)	13 (74)	30.8 (43)	14.5 (56)	0	
36047029000	New York	Kings	Bensonhurst - Bay Ridge	290	3,580	1,389	38.8	3,580	1,588	44.36	Yes	990 (82)	40 (97)	0.6 (98)	1.253 (98)	8.74 (54)	3	9.1 (31)	7.1 (59)	10 (41)	26.5 (19)	11.7 (24)	0	
36047029100	New York	Kings	Williamsburg - Bushwick	291	2,991	2,478	82.85	2,986	761	25.49	Yes	550 (69)	40 (97)	0.5 (95)	1.082 (98)	9 (61)	3	11.2 (82)	5.2 (21)	12 (65)	34.5 (65)	12.3 (30)	0	



36047029200	New York	Kings	Bensonhurst - Bay Ridge	292	3,033	1,754	57.83	3,033	1,151	37.95	Yes	2,800 (95)	30 (83)	0.5 (95)	1.212 (98)	8.72 (53)	2	9.3 (37)	6.4 (43)	10.7 (50)	26.8 (21)	13 (39)	0
36047029300	New York	Kings	Williamsburg - Bushwick	293	3,437	3,042	88.51	3,437	1,449	42.16	Yes	440 (63)	40 (97)	0.6 (98)	1.097 (98)	8.99 (61)	3	12.3 (92)	5.9 (33)	15.1 (86)	36.3 (74)	13.8 (48)	1
36047029400	New York	Kings	Bensonhurst - Bay Ridge	294	2,474	1,251	50.57	2,105	1,014	48.17	Yes	4,500 (97)	40 (97)	0.5 (95)	1.193 (98)	8.7 (53)	3	10 (57)	9.6 (96)	15.9 (89)	37.5 (78)	14.1 (52)	1
36047029500	New York	Kings	Williamsburg - Bushwick	295	4,160	3,237	77.81	4,160	1,110	26.68	Yes	300 (53)	40 (97)	0.6 (98)	1.128 (98)	8.99 (61)	3	11 (79)	5.2 (21)	10.7 (50)	31.7 (49)	11.7 (24)	0
36047029600	New York	Kings	Bensonhurst - Bay Ridge	296	5,849	3,091	52.85	5,849	2,583	44.16	Yes	1,500 (88)	40 (97)	0.5 (95)	1.257 (98)	8.72 (53)	3	9.3 (37)	6.7 (49)	10.2 (43)	26 (17)	12.4 (32)	0
36047029700	New York	Kings	Bedford Stuyvesant - Crown Heights	297	4,253	3,591	84.43	4,220	1,258	29.81	Yes	820 (78)	40 (97)	0.6 (98)	1.158 (98)	8.98 (60)	3	11.7 (88)	5.3 (22)	11.7 (62)	33.9 (62)	12.4 (32)	0
36047029800	New York	Kings	Bensonhurst - Bay Ridge	298	3,794	2,348	61.89	3,782	1,645	43.5	Yes	610 (71)	40 (97)	0.6 (98)	1.338 (99)	8.71 (53)	3	8.6 (18)	5.7 (29)	9.7 (37)	24.2 (11)	11.6 (23)	0
36047029900	New York	Kings	Bedford Stuyvesant - Crown Heights	299	2,941	2,750	93.51	2,762	1,064	38.52	Yes	1,700 (90)	40 (97)	0.6 (98)	1.16 (98)	8.95 (59)	3	12.5 (93)	4 (6)	12.3 (68)	32.4 (53)	16.5 (76)	1
36047030000	New York	Kings	Bensonhurst - Bay Ridge	300	4,207	3,004	71.4	4,207	1,991	47.33	Yes	690 (74)	40 (97)	0.6 (98)	1.314 (98)	8.7 (53)	3	8.8 (23)	5.7 (29)	12.1 (66)	26.6 (20)	12.4 (32)	0
36047030100	New York	Kings	Bedford Stuyvesant - Crown Heights	301	2,963	2,768	93.42	2,953	1,264	42.8	Yes	1,900 (91)	40 (97)	0.6 (98)	1.133 (98)	8.9 (58)	3	12 (90)	4.7 (14)	11.8 (63)	31.9 (50)	14.2 (53)	1
36047030200	New York	Kings	Bensonhurst - Bay Ridge	302	4,448	2,879	64.73	4,448	1,425	32.04	Yes	600 (71)	40 (97)	0.6 (98)	1.279 (98)	8.69 (52)	3	8.3 (12)	6 (35)	11.8 (63)	26.9 (21)	11.5 (22)	0
36047030300	New York	Kings	Bedford Stuyvesant - Crown Heights	303	4,914	4,816	98.01	4,827	2,300	47.65	Yes	1,400 (87)	40 (97)	0.6 (98)	1.145 (98)	8.9 (58)	3	13.6 (97)	4.7 (14)	13.2 (75)	34.6 (66)	17 (80)	1
36047030400	New York	Kings	Bensonhurst - Bay Ridge	304	4,189	2,641	63	4,182	1,882	45	Yes	3,200 (96)	40 (97)	0.6 (99)	1.21 (98)	8.69 (52)	3	8.8 (23)	7 (56)	12.3 (68)	29.5 (36)	11.6 (68)	0
36047030500	New York	Kings	Bedford Stuyvesant - Crown Heights	305	6,528	3,557	54.49	6,215	1,695	27.27	Yes	1,100 (83)	40 (97)	0.6 (98)	1.261 (98)	9.06 (62)	3	9.8 (52)	4.2 (8)	7.6 (13)	23 (7)	11.6 (23)	0
36047030600	New York	Kings	Bensonhurst - Bay Ridge	306	1,736	1,082	62.33	1,724	712	41.3	Yes	550 (69)	40 (97)	0.6 (98)	1.322 (98)	8.67 (52)	3	9 (28)	6 (35)	10.9 (52)	26.6 (20)	12.4 (32)	0
36047030700	New York	Kings	Bedford Stuyvesant - Crown Heights	307	5,954	5,679	95.38	5,923	4,398	74.25	Yes	1,200 (85)	40 (97)	0.6 (98)	1.163 (98)	8.95 (59)	3	14.9 (99)	5.5 (26)	19.1 (96)	41.5 (89)	19.7 (93)	3
36047030800	New York	Kings	Coney Island - Sheepshead Bay	308	1,980	729	36.82	1,971	826	41.91	Yes	2,700 (94)	40 (97)	0.6 (98)	1.318 (98)	8.63 (50)	3	9.3 (37)	7.3 (64)	10.8 (51)	28.9 (32)	11.9 (26)	0
36047030900	New York	Kings	Bedford Stuyvesant - Crown Heights	309	2,405	2,364	98.3	2,359	1,021	43.28	Yes	1,300 (87)	40 (97)	0.6 (98)	1.183 (98)	8.98 (60)	3	12.8 (95)	4.8 (15)	13.7 (79)	36.3 (74)	15.8 (70)	1
36047031100	New York	Kings	Bedford Stuyvesant - Crown Heights	311	2,924	2,688	91.93	2,924	1,525	52.15	Yes	1,400 (87)	40 (97)	0.6 (98)	1.191 (98)	9.01 (61)	3	12.1 (91)	4.8 (15)	12.2 (67)	33.3 (58)	14.2 (53)	1
36047031300	New York	Kings	Bedford Stuyvesant - Crown Heights	313	5,055	4,230	83.68	5,024	1,853	36.88	Yes	1,200 (86)	40 (97)	0.6 (98)	1.2 (98)	9.02 (61)	3	11.6 (87)	5.8 (31)	12.8 (72)	35.7 (71)	12.7 (35)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047031500	New York	Kings	Bedford Stuyvesant - Crown Heights	315	4,970	3,227	64.93	4,964	1,683	33.9	Yes	2,000 (92)	40 (97)	0.6 (98)	1.216 (98)	9.05 (62)	3	10.7 (74)	5 (18)	9.7 (37)	30.9 (44)	11.2 (19)	0	
36047031701	New York	Kings	Bedford Stuyvesant - Crown Heights	317.01	3,805	2,604	68.44	3,784	741	19.58	Yes	1,000 (82)	40 (97)	0.6 (98)	1.218 (98)	9.03 (62)	3	10.8 (76)	4.9 (16)	9.8 (38)	30.1 (39)	11.6 (23)	0	
36047031702	New York	Kings	Bedford Stuyvesant - Crown Heights	317.02	3,315	2,142	64.62	3,315	748	22.56	Yes	1,600 (89)	40 (97)	0.6 (98)	1.218 (98)	9.03 (62)	3	10.4 (67)	5 (18)	9.1 (29)	28.7 (31)	11 (17)	0	
36047031900	New York	Kings	East Flatbush - Flatbush	319	3,141	1,687	53.71	3,128	964	30.82	Yes	1,300 (86)	40 (97)	0.6 (98)	1.216 (98)	9.01 (61)	3	11.7 (88)	5.9 (33)	12.6 (70)	33.6 (60)	13 (39)	0	
36047032100	New York	Kings	East Flatbush - Flatbush	321	5,488	4,340	79.08	5,472	2,088	38.16	Yes	1,500 (88)	40 (97)	0.6 (98)	1.223 (98)	9.01 (61)	3	11.2 (82)	5.6 (27)	12.2 (67)	33.3 (58)	12.5 (33)	0	
36047032300	New York	Kings	East Flatbush - Flatbush	323	3,506	2,681	76.47	3,482	1,016	29.18	Yes	1,700 (90)	40 (97)	0.6 (98)	1.225 (98)	9.02 (61)	3	11.4 (85)	5.6 (27)	12.2 (67)	32.6 (54)	12.5 (33)	0	
36047032500	New York	Kings	East Flatbush - Flatbush	325	6,076	5,556	91.44	6,076	2,548	41.94	Yes	1,600 (89)	40 (97)	0.6 (98)	1.232 (98)	9.02 (61)	3	12.4 (93)	5.3 (22)	13.8 (79)	35.4 (70)	14.4 (55)	1	
36047032600	New York	Kings	Coney Island - Sheepshead Bay	326	6,730	5,845	86.85	6,730	4,359	64.77	Yes	450 (63)	30 (83)	0.5 (95)	0.901 (97)	8.6 (50)	2	12 (90)	5.6 (27)	15.6 (88)	33.6 (60)	16.7 (77)	1	
36047032700	New York	Kings	East Flatbush - Flatbush	327	2,544	2,126	83.57	2,544	878	34.51	Yes	1,600 (89)	40 (97)	0.6 (98)	1.234 (98)	9 (61)	3	11.5 (86)	5.3 (22)	12.2 (67)	32 (51)	13.2 (41)	0	
36047032800	New York	Kings	Coney Island - Sheepshead Bay	328	2,688	2,310	85.94	2,688	1,247	46.39	Yes	250 (47)	30 (83)	0.5 (95)	0.85 (97)	8.62 (50)	2	10.3 (65)	5.3 (22)	15 (86)	30.5 (42)	13.4 (43)	0	
36047032900	New York	Kings	East Flatbush - Flatbush	329	6,105	3,861	63.24	6,105	3,127	51.22	Yes	800 (78)	40 (97)	0.6 (98)	1.212 (98)	8.99 (61)	3	12.1 (91)	5.8 (31)	14.3 (82)	35.3 (69)	14.2 (53)	1	
36047033000	New York	Kings	Coney Island - Sheepshead Bay	330	5,006	4,185	83.6	4,996	3,587	71.8	Yes	220 (45)	30 (83)	0.5 (95)	0.844 (97)	8.63 (50)	2	12.9 (95)	6.2 (39)	15.6 (88)	34.8 (67)	16.8 (78)	1	
36047033100	New York	Kings	Bedford Stuyvesant - Crown Heights	331	4,058	1,572	38.74	4,020	1,875	46.64	Yes	630 (72)	40 (97)	0.6 (98)	1.197 (98)	8.99 (61)	3	11 (79)	5.7 (29)	9.9 (40)	27.8 (26)	14 (50)	0	
36047033300	New York	Kings	Bedford Stuyvesant - Crown Heights	333	4,547	1,306	28.72	4,547	2,486	54.67	Yes	870 (79)	40 (97)	0.6 (98)	1.198 (98)	9 (61)	3	11.1 (81)	5.5 (26)	10 (41)	28.6 (30)	14.6 (57)	0	

36047033500	New York	Kings	Bedford Stuyvesant - Crown Heights	335	3,034	888	29.27	2,709	1,036	38.24	Yes	1,200 (86)	40 (97)	0.6 (98)	1.198 (98)	9.01 (61)	3	10.4 (67)	5.4 (24)	9.7 (37)	27.7 (25)	13.3 (42)	0
36047033600	New York	Kings	Coney Island - Sheepshead Bay	336	4,443	1,108	24.94	4,419	1,458	32.99	Yes	82 (24)	30 (83)	0.5 (95)	0.814 (96)	8.62 (50)	2	9.6 (46)	7.1 (59)	9.1 (29)	26.1 (18)	11.7 (24)	0
36047033700	New York	Kings	Bedford Stuyvesant - Crown Heights	337	3,856	2,218	57.52	3,763	1,675	44.51	Yes	1,900 (91)	40 (97)	0.6 (98)	1.197 (98)	9.02 (61)	3	10.7 (74)	5.3 (22)	9.6 (36)	27.4 (24)	12.7 (35)	0
36047033900	New York	Kings	Bedford Stuyvesant - Crown Heights	339	4,538	3,661	80.67	4,489	1,810	40.32	Yes	1,200 (86)	40 (97)	0.6 (98)	1.197 (98)	9.01 (61)	3	12.3 (92)	6.2 (39)	15.3 (87)	37.6 (79)	14.1 (52)	1
36047034000	New York	Kings	Coney Island - Sheepshead Bay	340	2,050	1,324	64.59	1,481	1,033	69.75	Yes	19 (9)	30 (83)	0.5 (95)	0.836 (96)	8.59 (49)	2	11.7 (88)	11.5 (99)	20.7 (98)	46.3 (96)	14.4 (55)	3
36047034100	New York	Kings	Bedford Stuyvesant - Crown Heights	341	3,056	2,463	80.6	2,728	1,017	37.28	Yes	640 (73)	40 (97)	0.6 (98)	1.199 (98)	9.02 (61)	3	12 (90)	6.3 (41)	13.9 (80)	36 (72)	13.5 (44)	1
36047034200	New York	Kings	Coney Island - Sheepshead Bay	342	6,064	3,961	65.32	6,038	4,919	81.47	Yes	110 (29)	30 (83)	0.5 (95)	0.842 (96)	8.6 (49)	2	12.9 (95)	8.6 (89)	20.1 (97)	42.2 (91)	17 (80)	3
36047034300	New York	Kings	Bedford Stuyvesant - Crown Heights	343	5,163	4,617	89.42	5,154	3,152	61.16	Yes	820 (78)	40 (97)	0.6 (98)	1.196 (98)	9 (61)	3	13.9 (98)	5.4 (24)	17.4 (93)	38 (80)	17.9 (85)	2
36047034500	New York	Kings	Bedford Stuyvesant - Crown Heights	345	3,108	2,661	85.62	3,070	1,233	40.16	Yes	950 (81)	40 (97)	0.6 (98)	1.185 (98)	8.98 (60)	3	12.5 (93)	5.5 (26)	13.5 (77)	36.3 (74)	14.6 (57)	1
36047034700	New York	Kings	Bedford Stuyvesant - Crown Heights	347	3,350	3,276	97.79	3,336	1,403	42.06	Yes	460 (64)	40 (97)	0.6 (98)	1.17 (98)	8.95 (59)	3	12.4 (93)	5 (18)	12.8 (72)	34.2 (63)	14.4 (55)	1
36047034800	New York	Kings	Coney Island - Sheepshead Bay	348	2,885	2,170	75.22	2,862	1,707	59.64	Yes	2,100 (92)	30 (83)	0.5 (95)	1.043 (97)	8.62 (50)	2	9.9 (54)	3.9 (5)	10.1 (42)	23.2 (8)	15.5 (67)	0
36047034900	New York	Kings	Bedford Stuyvesant - Crown Heights	349	6,145	5,666	92.21	6,126	2,962	48.35	Yes	1,200 (85)	40 (97)	0.6 (98)	1.178 (98)	8.95 (59)	3	13 (95)	5.2 (21)	14 (81)	36.3 (74)	15.7 (69)	1
36047035000	New York	Kings	Coney Island - Sheepshead Bay	350	3,124	113	3.62	3,124	1,003	32.11	Yes	780 (77)	30 (83)	0.5 (95)	0.957 (97)	8.59 (49)	2	9.8 (52)	9.5 (95)	10.6 (49)	33.1 (57)	11.5 (22)	1
36047035100	New York	Kings	Bedford Stuyvesant - Crown Heights	351	4,650	3,576	76.9	4,650	2,226	47.87	Yes	1,600 (90)	40 (97)	0.6 (98)	1.184 (98)	8.97 (60)	3	12.5 (93)	5.5 (26)	14.2 (82)	35.7 (71)	15.5 (67)	1
36047035200	New York	Kings	Coney Island - Sheepshead Bay	352	1,254	488	38.92	992	701	70.67	Yes	100 (28)	30 (83)	0.5 (95)	0.903 (97)	8.58 (49)	2	12.8 (95)	14.5 (100)	31 (100)	57.6 (100)	15.4 (66)	4

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk (Lifetime risk per million (Percentile))	Air Toxics Respiratory Hazard Index (Ratio of exposure to health-based reference concentration (Percentile))	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047035300	New York	Kings	Bedford Stuyvesant - Crown Heights	353	5,407	4,403	81.43	5,396	2,550	47.26	Yes	1,800 (91)	40 (97)	0.6 (98)	1.193 (98)	8.99 (61)	3	12.1 (91)	5.1 (19)	12.2 (67)	31.6 (48)	14.5 (56)	1	
36047035400	New York	Kings	Coney Island - Sheepshead Bay	354	5,765	558	9.68	5,765	1,847	32.04	Yes	1,200 (86)	30 (83)	0.5 (95)	1.041 (97)	8.59 (49)	2	9 (28)	11 (99)	10.1 (42)	32.8 (55)	9.4 (5)	1	
36047035500	New York	Kings	Bedford Stuyvesant - Crown Heights	355	5,631	4,567	81.1	5,607	2,266	40.41	Yes	1,300 (87)	40 (97)	0.6 (98)	1.188 (98)	8.96 (60)	3	12.2 (92)	5.3 (22)	13.1 (74)	35 (68)	14.4 (55)	1	
36047035601	New York	Kings	Coney Island - Sheepshead Bay	356.01	2,834	343	12.1	2,834	1,233	43.51	Yes	1,700 (90)	40 (97)	0.5 (95)	1.17 (98)	8.59 (49)	3	9.3 (37)	10.8 (98)	10.9 (52)	34.4 (64)	9.9 (8)	1	
36047035602	New York	Kings	Coney Island - Sheepshead Bay	356.02	5,529	526	9.51	5,529	1,708	30.89	Yes	590 (71)	30 (83)	0.5 (95)	1.043 (97)	8.58 (49)	2	9.1 (31)	10.9 (98)	10.2 (43)	33.2 (58)	9.7 (7)	1	
36047035700	New York	Kings	Bedford Stuyvesant - Crown Heights	357	2,328	2,280	97.94	2,321	1,372	59.11	Yes	650 (73)	40 (97)	0.6 (98)	1.169 (98)	8.93 (59)	3	13.6 (97)	4.4 (10)	13.9 (80)	34.6 (66)	17.3 (82)	1	
36047035900	New York	Kings	Bedford Stuyvesant - Crown Heights	359	5,593	5,368	95.98	5,550	3,322	59.86	Yes	620 (71)	40 (97)	0.6 (98)	1.163 (98)	8.92 (58)	3	13.9 (98)	4.4 (10)	14.4 (83)	35.7 (71)	18.2 (87)	1	
36047036001	New York	Kings	Coney Island - Sheepshead Bay	360.01	3,155	265	8.4	3,155	1,637	51.89	Yes	320 (54)	30 (83)	0.5 (95)	0.983 (97)	8.55 (48)	2	10.3 (65)	11.5 (99)	14.9 (85)	38.9 (83)	12.5 (33)	1	
36047036002	New York	Kings	Coney Island - Sheepshead Bay	360.02	4,074	393	9.65	4,069	2,495	61.32	Yes	280 (50)	30 (83)	0.5 (95)	1.041 (97)	8.54 (47)	2	10 (57)	12.9 (99)	15.5 (88)	41.6 (89)	11.3 (20)	1	
36047036100	New York	Kings	Bedford Stuyvesant - Crown Heights	361	2,787	2,629	94.33	2,676	1,568	58.59	Yes	740 (76)	40 (97)	0.6 (98)	1.151 (98)	8.9 (58)	3	13.1 (96)	5.7 (29)	16.2 (90)	39 (83)	16.3 (74)	2	
36047036200	New York	Kings	Coney Island - Sheepshead Bay	362	3,855	2,010	52.14	3,832	2,096	54.7	Yes	530 (68)	30 (83)	0.5 (95)	1.097 (98)	8.57 (48)	2	9.5 (43)	4.9 (16)	11.5 (59)	26.8 (21)	14 (50)	0	
36047036300	New York	Kings	Bedford Stuyvesant - Crown Heights	363	5,044	4,843	96.02	5,044	2,757	54.66	Yes	730 (76)	40 (97)	0.6 (98)	1.14 (98)	8.89 (58)	3	13 (95)	5.1 (19)	14.4 (83)	36.7 (75)	16.2 (73)	1	
36047036400	New York	Kings	Coney Island - Sheepshead Bay	364	2,443	811	33.2	2,443	1,006	41.18	Yes	1,300 (86)	40 (97)	0.6 (98)	1.187 (98)	8.57 (48)	3	8.9 (26)	6.3 (41)	10 (41)	25.9 (17)	11.5 (22)	0	



36047036501	New York	Kings	Bedford Stuyvesant - Crown Heights	365.01	3,417	3,409	99.77	3,402	1,838	54.03	Yes	2,000 (92)	40 (97)	0.6 (98)	1.116 (98)	8.86 (57)	3	13.5 (97)	5.5 (26)	16.4 (91)	39.4 (84)	16.3 (74)	2
36047036502	New York	Kings	Bedford Stuyvesant - Crown Heights	365.02	1,415	1,365	96.47	1,410	747	52.98	Yes	2,600 (94)	40 (97)	0.6 (98)	1.096 (98)	8.84 (56)	3	11.9 (90)	4.4 (10)	15.4 (88)	34.4 (64)	16.6 (77)	1
36047036500	New York	Kings	Coney Island - Sheepshead Bay	366	4,268	2,226	52.16	3,970	1,996	50.28	Yes	2,200 (93)	40 (97)	0.6 (98)	1.285 (98)	8.58 (49)	3	9.3 (37)	6.7 (49)	12.6 (70)	30.3 (40)	13.1 (40)	0
36047036700	New York	Kings	Bedford Stuyvesant - Crown Heights	367	1,281	1,208	94.3	1,281	345	26.93	Yes	2,200 (93)	40 (97)	0.5 (95)	1.07 (98)	8.83 (56)	3	11.5 (86)	4.8 (15)	12.5 (69)	31.4 (47)	14.3 (54)	0
36047036900	New York	Kings	Bedford Stuyvesant - Crown Heights	369	5,787	5,320	91.93	5,761	3,089	53.62	Yes	1,500 (88)	40 (97)	0.5 (95)	1.081 (98)	8.86 (57)	3	12.5 (93)	4.5 (11)	13.5 (77)	32.7 (55)	16.3 (74)	1
36047037000	New York	Kings	Coney Island - Sheepshead Bay	370	4,231	1,509	35.67	4,215	1,283	30.44	Yes	1,400 (88)	40 (97)	0.6 (98)	1.4 (99)	8.61 (50)	3	9.1 (31)	7.3 (64)	9.5 (34)	26 (17)	11.2 (19)	0
36047037100	New York	Kings	Bedford Stuyvesant - Crown Heights	371	4,711	4,248	90.17	4,711	1,230	26.11	Yes	850 (79)	40 (97)	0.5 (95)	1.099 (98)	8.89 (58)	3	12.1 (91)	4.6 (12)	11.8 (63)	32.7 (55)	14.1 (52)	1
36047037300	New York	Kings	Bedford Stuyvesant - Crown Heights	373	4,486	3,789	84.46	4,454	2,327	52.25	Yes	430 (62)	40 (97)	0.5 (95)	1.07 (97)	8.91 (58)	3	12.3 (92)	5.4 (24)	14.3 (82)	36.8 (76)	14.6 (57)	1
36047037401	New York	Kings	Coney Island - Sheepshead Bay	374.01	4,376	1,353	30.92	4,364	1,351	30.96	Yes	1,300 (86)	40 (97)	0.6 (98)	1.386 (99)	8.62 (50)	3	9.2 (34)	8.1 (82)	9.4 (33)	28.4 (29)	10.9 (16)	0
36047037402	New York	Kings	Coney Island - Sheepshead Bay	374.02	4,937	2,199	44.54	4,937	2,749	55.68	Yes	1,700 (90)	40 (97)	0.6 (98)	1.353 (99)	8.62 (50)	3	9.8 (52)	9 (93)	11.9 (64)	32.4 (53)	12.3 (30)	1
36047037500	New York	Kings	Williamsburg - Bushwick	375	3,229	2,596	80.4	3,227	1,042	32.29	Yes	490 (66)	40 (97)	0.5 (95)	1.059 (97)	8.94 (59)	3	11.6 (87)	4.3 (9)	11.4 (58)	31.7 (49)	14.1 (52)	0
36047037700	New York	Kings	Bedford Stuyvesant - Crown Heights	377	4,541	3,992	87.91	4,541	1,693	37.28	Yes	200 (41)	40 (97)	0.6 (98)	1.086 (98)	8.93 (59)	3	11.9 (90)	5.3 (22)	13 (74)	35 (68)	13.8 (48)	1
36047037900	New York	Kings	Bedford Stuyvesant - Crown Heights	379	4,660	4,206	90.26	4,602	1,699	36.92	Yes	540 (68)	40 (97)	0.6 (98)	1.121 (98)	8.93 (59)	3	12.6 (94)	4.6 (12)	13 (74)	33.2 (58)	15.1 (63)	1
36047038100	New York	Kings	Bedford Stuyvesant - Crown Heights	381	5,397	4,747	87.96	5,397	2,452	45.43	Yes	590 (71)	40 (97)	0.6 (98)	1.134 (98)	8.96 (60)	3	12.6 (94)	5.4 (24)	13.8 (79)	36.5 (75)	14.4 (55)	1
36047038200	New York	Kings	Coney Island - Sheepshead Bay	382	5,740	5,586	97.32	5,738	4,044	70.48	Yes	530 (68)	40 (97)	0.6 (98)	1.372 (99)	8.66 (51)	3	11.8 (89)	5 (18)	16.8 (92)	32.7 (55)	16.6 (77)	1

## Central Business District (CBD) Tailing Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047038300	New York	Kings	Bedford Stuyvesant - Crown Heights	383	4,720	4,132	87.54	4,720	1,421	30.11	Yes	210 (44)	40 (97)	0.6 (98)	1.101 (98)	8.96 (60)	3	11.7 (88)	5.4 (24)	11.8 (63)	33.8 (61)	12.7 (35)	0	
36047038500	New York	Kings	Williamsburg - Bushwick	385	3,963	3,342	84.33	3,963	944	23.82	Yes	340 (56)	40 (97)	0.5 (95)	1.075 (98)	8.97 (60)	3	11.2 (82)	5.4 (24)	11.9 (64)	33.4 (59)	12.1 (28)	0	
36047038600	New York	Kings	Coney Island - Sheepshead Bay	386	3,669	2,361	64.35	3,669	1,108	30.2	Yes	550 (69)	40 (97)	0.6 (98)	1.412 (99)	8.65 (51)	3	8.8 (23)	5.9 (33)	9.5 (34)	25.4 (15)	11.8 (25)	0	
36047038700	New York	Kings	Williamsburg - Bushwick	387	3,882	3,044	78.41	3,850	1,525	39.61	Yes	710 (75)	40 (97)	0.5 (95)	1.061 (97)	8.98 (60)	3	11.7 (88)	4.6 (12)	12.8 (72)	32.8 (55)	14.4 (55)	0	
36047038800	New York	Kings	Coney Island - Sheepshead Bay	388	4,094	1,339	32.71	4,085	1,476	36.13	Yes	450 (63)	40 (97)	0.6 (98)	1.439 (99)	8.64 (51)	3	9.3 (37)	7.3 (64)	8.7 (24)	25.4 (15)	11.8 (25)	0	
36047038900	New York	Kings	Williamsburg - Bushwick	389	2,837	1,933	68.14	2,822	999	35.4	Yes	1,300 (87)	40 (97)	0.5 (95)	1.099 (98)	9.04 (62)	3	8.4 (14)	3.8 (5)	8.4 (21)	19.7 (3)	12.2 (29)	0	
36047039000	New York	Kings	Coney Island - Sheepshead Bay	390	2,397	316	13.18	2,386	874	36.63	Yes	1,100 (84)	40 (97)	0.6 (98)	1.45 (99)	8.64 (51)	3	9.9 (54)	7 (56)	9.1 (29)	26.8 (21)	13.6 (46)	0	
36047039100	New York	Kings	Williamsburg - Bushwick	391	3,239	2,402	74.16	3,239	1,338	41.31	Yes	1,100 (84)	40 (97)	0.5 (95)	1.092 (98)	9.01 (61)	3	9.2 (34)	4 (6)	10.3 (45)	21.9 (6)	13.3 (42)	0	
36047039300	New York	Kings	Williamsburg - Bushwick	393	3,890	2,868	73.73	3,866	1,667	43.12	Yes	1,300 (86)	40 (97)	0.5 (95)	1.082 (98)	9 (61)	3	9.6 (46)	3.8 (5)	9.5 (34)	22.9 (7)	13.3 (42)	0	
36047039400	New York	Kings	Coney Island - Sheepshead Bay	394	2,338	484	20.7	2,338	899	38.45	Yes	970 (82)	40 (97)	0.6 (98)	1.478 (99)	8.65 (51)	3	10.2 (62)	6.9 (54)	9.3 (32)	26.1 (18)	14.3 (54)	0	
36047039500	New York	Kings	Williamsburg - Bushwick	395	3,858	2,915	75.56	3,791	1,787	47.14	Yes	970 (82)	40 (97)	0.5 (95)	1.058 (97)	8.96 (60)	3	10.1 (60)	4.8 (15)	12.5 (69)	28.3 (29)	14 (50)	0	
36047039600	New York	Kings	Coney Island - Sheepshead Bay	396	2,058	368	17.88	2,058	676	32.85	Yes	450 (63)	40 (97)	0.6 (98)	1.47 (99)	8.66 (51)	3	9.7 (49)	6.8 (52)	8.3 (20)	25.2 (14)	13.1 (40)	0	
36047039700	New York	Kings	Williamsburg - Bushwick	397	3,553	2,907	81.82	3,553	1,794	50.49	Yes	680 (74)	40 (97)	0.5 (95)	1.047 (97)	8.93 (59)	3	11.5 (86)	4.5 (11)	13.1 (74)	32.1 (51)	15.2 (64)	0	
36047039800	New York	Kings	Coney Island - Sheepshead Bay	398	2,878	2,062	71.65	2,851	1,154	40.48	Yes	580 (70)	40 (97)	0.6 (98)	1.442 (99)	8.67 (52)	3	9 (28)	5.7 (29)	11 (54)	25.5 (15)	12.9 (37)	0	
36047039900	New York	Kings	Williamsburg - Bushwick	399	3,873	3,406	87.94	3,838	1,632	42.52	Yes	530 (68)	40 (97)	0.5 (95)	1.045 (97)	8.93 (59)	3	10.5 (70)	4.9 (16)	12 (65)	29.3 (34)	13.2 (41)	0	
36047040000	New York	Kings	Coney Island - Sheepshead Bay	400	3,003	1,783	59.37	2,978	940	31.56	Yes	440 (63)	40 (97)	0.6 (98)	1.45 (99)	8.68 (52)	3	9.1 (31)	6.3 (41)	10.8 (51)	27.1 (22)	12.5 (33)	0	
36047040100	New York	Kings	East New York	401	3,162	2,600	82.23	3,138	1,426	45.44	Yes	800 (78)	40 (97)	0.5 (95)	1.045 (97)	8.89 (58)	3	11.1 (81)	4.1 (7)	11.3 (57)	26.3 (18)	14.7 (58)	0	

36047040200	New York	Kings	Coney Island - Sheepshead Bay	402	2,988	2,024	67.74	2,988	1,091	36.51	Yes	910 (80)	40 (97)	0.6 (98)	1,412 (99)	8.68 (52)	3	8.8 (23)	5.9 (33)	12.4 (69)	27.2 (23)	12.7 (35)	0
36047040300	New York	Kings	East New York	403	3,529	3,081	87.31	3,521	1,456	41.35	Yes	1,000 (82)	40 (97)	0.5 (95)	1,045 (97)	8.86 (57)	3	11.5 (86)	4.6 (12)	12.2 (67)	30.5 (42)	14.3 (54)	0
36047040400	New York	Kings	Coney Island - Sheepshead Bay	404	2,459	1,373	55.84	2,443	783	32.05	Yes	600 (71)	40 (97)	0.6 (98)	1,382 (99)	8.72 (53)	3	8.8 (23)	5.7 (29)	10.9 (52)	26 (17)	12.3 (30)	0
36047040500	New York	Kings	East New York	405	1,513	1,307	86.38	1,513	526	34.77	Yes	1,600 (89)	40 (97)	0.5 (95)	1,05 (97)	8.84 (56)	3	10.6 (72)	4.4 (10)	10.8 (51)	27.4 (24)	13.2 (41)	0
36047040600	New York	Kings	Coney Island - Sheepshead Bay	406	3,692	2,611	70.72	3,692	1,995	54.04	Yes	280 (50)	40 (97)	0.6 (98)	1,434 (99)	8.71 (53)	3	9.3 (37)	5.7 (29)	11.8 (63)	27.3 (23)	13.7 (47)	0
36047040800	New York	Kings	Coney Island - Sheepshead Bay	408	3,646	2,586	70.93	3,646	826	22.66	Yes	170 (38)	40 (97)	0.6 (98)	1,462 (99)	8.71 (53)	3	8.2 (10)	5.3 (22)	9.9 (40)	24.4 (11)	11.5 (22)	0
36047040900	New York	Kings	Williamsburg - Bushwick	409	3,836	3,406	88.79	3,836	1,994	51.98	Yes	230 (46)	40 (97)	0.5 (95)	1,022 (97)	8.86 (57)	3	10.4 (67)	3.9 (5)	12.1 (66)	25.2 (14)	15.6 (68)	0
36047041000	New York	Kings	Coney Island - Sheepshead Bay	410	2,048	706	34.47	2,029	1,006	49.58	Yes	220 (44)	40 (97)	0.6 (98)	1,477 (99)	8.69 (52)	3	9.9 (54)	7.9 (78)	12 (65)	29.9 (38)	13.2 (41)	0
36047041100	New York	Kings	East New York	411	3,034	2,411	79.47	3,022	1,417	46.89	Yes	380 (59)	40 (97)	0.5 (95)	1,038 (97)	8.87 (57)	3	10.7 (74)	4.9 (16)	12.4 (69)	30.3 (40)	13.5 (44)	0
36047041200	New York	Kings	Coney Island - Sheepshead Bay	412	3,328	1,537	46.18	3,328	1,191	35.79	Yes	500 (67)	40 (97)	0.6 (98)	1,492 (99)	8.71 (53)	3	8.6 (18)	6.2 (39)	9.9 (40)	26.6 (20)	11.5 (22)	0
36047041300	New York	Kings	East New York	413	3,986	3,361	84.32	3,986	1,509	37.86	Yes	210 (43)	40 (97)	0.5 (95)	1,043 (97)	8.89 (58)	3	10.6 (72)	4.8 (15)	12.8 (72)	30.6 (42)	13.7 (47)	0
36047041401	New York	Kings	Coney Island - Sheepshead Bay	414.01	1,541	322	20.9	1,525	700	45.9	Yes	460 (64)	40 (97)	0.6 (98)	1,493 (99)	8.69 (52)	3	10.6 (72)	6.3 (41)	10.4 (46)	25.5 (15)	15.6 (68)	0
36047041402	New York	Kings	Coney Island - Sheepshead Bay	414.02	1,824	217	11.9	1,824	739	40.52	Yes	1,200 (85)	40 (97)	0.6 (98)	1,508 (99)	8.68 (52)	3	9.9 (54)	9.1 (93)	9.9 (40)	30 (39)	12 (27)	1
36047041500	New York	Kings	Williamsburg - Bushwick	415	4,353	3,864	88.77	4,353	1,579	36.27	Yes	180 (40)	40 (97)	0.5 (95)	1,044 (97)	8.91 (58)	3	10.1 (60)	4.3 (9)	10.7 (50)	27.2 (23)	12.9 (37)	0
36047041600	New York	Kings	Coney Island - Sheepshead Bay	416	2,338	410	17.54	2,338	964	41.23	Yes	990 (82)	40 (97)	0.6 (98)	1,508 (99)	8.67 (52)	3	10.9 (77)	6.6 (47)	9.9 (40)	28.1 (27)	16.1 (72)	0
36047041700	New York	Kings	Williamsburg - Bushwick	417	3,132	2,775	88.6	3,132	1,831	58.46	Yes	330 (55)	40 (97)	0.5 (95)	1,045 (97)	8.94 (59)	3	10.7 (74)	5.3 (22)	15.8 (89)	29.6 (36)	15.3 (65)	0
36047041800	New York	Kings	Coney Island - Sheepshead Bay	418	2,960	607	20.51	2,944	1,648	55.98	Yes	1,600 (89)	40 (97)	0.6 (98)	1,511 (99)	8.69 (52)	3	10.5 (70)	8.3 (85)	12.2 (67)	31.5 (48)	14.7 (58)	0
36047041900	New York	Kings	Williamsburg - Bushwick	419	3,623	3,167	87.41	3,623	1,608	44.38	Yes	430 (62)	40 (97)	0.5 (95)	1,057 (97)	8.95 (60)	3	9.8 (52)	4.4 (10)	11.4 (58)	25.7 (16)	13.6 (46)	0
36047042000	New York	Kings	Coney Island - Sheepshead Bay	420	1,837	194	10.56	1,837	810	44.09	Yes	1,600 (89)	40 (97)	0.6 (98)	1,498 (99)	8.71 (53)	3	9.2 (34)	6.3 (41)	7.8 (14)	24.7 (12)	12.2 (29)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36047042100	New York	Kings	Williamsburg - Bushwick	421	4,259	3,478	81.66	4,259	2,215	52.01	Yes	600 (71)	40 (97)	0.5 (95)	1.069 (97)	8.97 (60)	3	10 (57)	3.9 (5)	11.6 (61)	24.2 (11)	15.1 (63)	0
36047042200	New York	Kings	Coney Island - Sheepshead Bay	422	3,535	1,433	40.54	3,535	1,433	40.54	Yes	1,300 (87)	40 (97)	0.6 (98)	1.504 (99)	8.72 (53)	3	9.5 (43)	6.1 (37)	8.2 (18)	24.1 (10)	13 (39)	0
36047042300	New York	Kings	Williamsburg - Bushwick	423	3,978	2,739	68.85	3,735	1,349	36.12	Yes	560 (69)	40 (97)	0.5 (95)	1.072 (98)	9 (61)	3	9.1 (31)	4.2 (8)	9.8 (38)	23.6 (9)	13.3 (42)	0
36047042400	New York	Kings	Coney Island - Sheepshead Bay	424	3,480	1,870	53.74	3,480	1,428	41.03	Yes	720 (75)	40 (97)	0.6 (98)	1.49 (99)	8.72 (53)	3	9.2 (34)	5.7 (29)	10.7 (50)	25.5 (15)	13.1 (40)	0
36047042500	New York	Kings	Williamsburg - Bushwick	425	3,338	2,453	73.49	3,327	1,443	43.37	Yes	430 (62)	40 (97)	0.5 (95)	1.084 (98)	9.01 (61)	3	7.8 (5)	3.1 (2)	5.6 (3)	15.7 (1)	10.4 (11)	0
36047042600	New York	Kings	Coney Island - Sheepshead Bay	426	4,302	2,776	64.53	4,276	1,782	41.67	Yes	730 (76)	40 (97)	0.6 (98)	1.466 (99)	8.73 (53)	3	9.2 (34)	5.8 (31)	11.4 (58)	25.8 (16)	12.8 (36)	0
36047042700	New York	Kings	Williamsburg - Bushwick	427	4,896	3,536	72.22	4,896	2,437	49.78	Yes	450 (63)	40 (97)	0.5 (95)	1.072 (98)	9 (61)	3	9.2 (34)	3 (2)	8.3 (20)	18.8 (2)	14.3 (54)	0
36047042800	New York	Kings	Coney Island - Sheepshead Bay	428	3,785	1,679	44.36	3,785	1,291	34.11	Yes	890 (80)	40 (97)	0.6 (98)	1.402 (99)	8.73 (53)	3	9.1 (31)	7.5 (69)	10.6 (49)	27.7 (25)	11.1 (18)	0
36047042900	New York	Kings	Williamsburg - Bushwick	429	5,441	4,189	76.99	5,441	2,906	53.41	Yes	500 (66)	40 (97)	0.5 (95)	1.07 (98)	8.98 (60)	3	9 (28)	3.4 (3)	9.4 (33)	20.6 (4)	13.8 (48)	0
36047043000	New York	Kings	Borough Park	430	3,283	1,834	55.86	3,283	1,969	59.98	Yes	800 (78)	40 (97)	0.6 (98)	1.401 (99)	8.75 (54)	3	9.8 (52)	6.9 (54)	12.8 (72)	29.3 (34)	14 (50)	0
36047043100	New York	Kings	Williamsburg - Bushwick	431	4,694	3,314	70.6	4,694	2,582	55.01	Yes	540 (68)	40 (97)	0.5 (95)	1.069 (97)	8.96 (60)	3	9.2 (34)	3.4 (3)	9.1 (29)	20.2 (4)	13.9 (49)	0
36047043200	New York	Kings	Borough Park	432	4,341	2,851	65.68	4,341	1,702	39.21	Yes	760 (76)	40 (97)	0.6 (98)	1.443 (99)	8.75 (54)	3	8.7 (21)	5.5 (26)	10.4 (46)	25.1 (13)	12.1 (28)	0
36047043300	New York	Kings	Williamsburg - Bushwick	433	3,628	3,358	92.56	3,592	2,084	58.02	Yes	500 (66)	40 (97)	0.5 (95)	1.051 (97)	8.93 (59)	3	10.1 (60)	4.3 (9)	13.3 (76)	26.5 (19)	15.4 (66)	0
36047043400	New York	Kings	Borough Park	434	3,537	1,967	55.61	3,505	1,502	42.85	Yes	800 (77)	40 (97)	0.6 (98)	1.486 (99)	8.74 (54)	3	9.1 (31)	6.6 (47)	11 (54)	27 (22)	12.3 (30)	0
36047043500	New York	Kings	Williamsburg - Bushwick	435	5,115	4,725	92.38	5,074	1,897	37.39	Yes	210 (44)	40 (97)	0.5 (95)	1.035 (97)	8.91 (58)	3	9.4 (40)	4 (6)	10 (41)	23.7 (9)	12.8 (36)	0
36047043600	New York	Kings	Borough Park	436	5,059	2,518	49.77	5,059	1,633	32.28	Yes	770 (77)	40 (97)	0.6 (98)	1.469 (99)	8.76 (54)	3	9.5 (43)	6.3 (41)	10.4 (46)	26.1 (18)	13 (39)	0
36047043700	New York	Kings	Williamsburg - Bushwick	437	5,696	4,618	81.07	5,658	2,480	43.83	Yes	160 (37)	40 (97)	0.5 (95)	1.031 (97)	8.88 (57)	3	10 (57)	4 (6)	10.6 (49)	25.8 (16)	13.7 (47)	0
36047043800	New York	Kings	Borough Park	438	2,620	579	22.1	2,616	1,299	49.66	Yes	1,000 (83)	40 (97)	0.6 (98)	1.498 (99)	8.73 (53)	3	10.2 (62)	6.9 (54)	10.5 (47)	27.6 (25)	14.1 (52)	0
36047043900	New York	Kings	Williamsburg - Bushwick	439	3,515	3,237	92.09	3,503	1,726	49.27	Yes	510 (67)	40 (97)	0.5 (95)	1.038 (97)	8.9 (58)	3	9.5 (43)	4.1 (7)	12.4 (69)	25.4 (15)	14.2 (53)	0
36047044000	New York	Kings	Borough Park	440	2,809	591	21.04	2,809	1,235	43.97	Yes	1,400 (87)	40 (97)	0.6 (98)	1.491 (99)	8.75 (54)	3	9.6 (46)	6.6 (47)	8.8 (25)	25.7 (16)	13.1 (40)	0
36047044100	New York	Kings	Williamsburg - Bushwick	441	5,124	4,270	83.33	5,020	2,406	47.93	Yes	560 (69)	40 (97)	0.5 (95)	1.055 (97)	8.93 (59)	3	8.4 (14)	3.9 (5)	9.9 (40)	21.4 (5)	12.7 (35)	0



36047044300	New York	Kings	Williamsburg - Bushwick	443	4,587	3,540	77.17	4,587	1,894	41.29	Yes	410 (61)	40 (97)	0.5 (95)	1.061 (97)	8.95 (59)	3	8.5 (16)	3.6 (3)	8.8 (25)	19.6 (3)	12.8 (36)	0
36047044400	New York	Kings	Borough Park	444	3,589	573	15.97	3,589	1,352	37.67	Yes	1,900 (91)	40 (97)	0.6 (98)	1.477 (99)	8.75 (54)	3	10.3 (65)	6.8 (52)	9.4 (33)	25.5 (15)	14.6 (57)	0
36047044500	New York	Kings	Williamsburg - Bushwick	445	4,729	3,879	82.03	4,729	2,023	42.78	Yes	400 (60)	40 (97)	0.5 (95)	1.069 (97)	8.97 (60)	3	8.7 (21)	3.6 (3)	9.3 (32)	21 (4)	12.9 (37)	0
36047044600	New York	Kings	Borough Park	446	2,092	1,302	62.24	2,090	830	39.71	Yes	850 (79)	40 (97)	0.6 (98)	1.473 (99)	8.77 (54)	3	9.2 (34)	5.7 (29)	10.4 (46)	24.8 (12)	13 (39)	0
36047044700	New York	Kings	Williamsburg - Bushwick	447	2,545	1,918	75.36	2,493	1,332	53.43	Yes	500 (66)	40 (97)	0.5 (95)	1.071 (98)	8.98 (60)	3	10.1 (60)	3.2 (2)	8.4 (21)	18.8 (2)	15.9 (71)	0
36047044800	New York	Kings	Borough Park	448	1,698	317	18.67	1,676	599	35.74	Yes	2,300 (93)	40 (97)	0.6 (98)	1.408 (99)	8.78 (54)	3	9.7 (49)	8 (80)	10.2 (43)	29.3 (34)	12.4 (32)	0
36047044900	New York	Kings	Greenpoint	449	3,210	2,722	84.8	3,189	2,323	72.84	Yes	2,000 (92)	40 (97)	0.6 (98)	1.154 (98)	9.03 (62)	3	12.1 (91)	5.4 (24)	16.1 (90)	31.5 (48)	17.6 (84)	2
36047045000	New York	Kings	Borough Park	450	566	47	8.3	566	269	47.53	Yes	1,900 (91)	40 (97)	0.6 (98)	1.344 (99)	8.8 (55)	3	10.7 (74)	5.9 (33)	9.6 (36)	26.7 (20)	16 (71)	0
36047045300	New York	Kings	Williamsburg - Bushwick	453	2,578	1,897	73.58	2,572	1,649	64.11	Yes	710 (75)	40 (97)	0.5 (95)	1.081 (98)	9.01 (61)	3	9.8 (52)	2.9 (2)	9.5 (34)	22.7 (7)	16.3 (74)	0
36047045400	New York	Kings	Borough Park	454	1,681	322	19.16	1,681	713	42.42	Yes	1,600 (89)	40 (97)	0.6 (98)	1.385 (99)	8.76 (54)	3	9.5 (43)	6.7 (49)	8.6 (23)	24.8 (12)	12.8 (36)	0
36047045600	New York	Kings	Borough Park	456	2,170	1,029	47.42	2,170	1,148	52.9	Yes	1,400 (87)	40 (97)	0.6 (98)	1.303 (98)	8.81 (55)	3	10.1 (60)	7.4 (66)	10.9 (52)	29 (33)	13.8 (48)	0
36047046000	New York	Kings	Borough Park	460	3,131	1,570	50.14	3,119	1,419	45.5	Yes	1,200 (86)	40 (97)	0.6 (98)	1.269 (98)	8.84 (56)	3	9.2 (34)	6.2 (39)	11 (54)	27.3 (23)	12.6 (34)	0
36047046201	New York	Kings	Borough Park	462.01	2,281	444	19.47	2,281	1,454	63.74	Yes	1,600 (89)	40 (97)	0.6 (98)	1.304 (98)	8.83 (56)	3	9.2 (34)	8.3 (85)	9.8 (38)	28.4 (29)	11.4 (21)	0
36047046202	New York	Kings	Borough Park	462.02	1,942	277	14.26	1,936	907	46.85	Yes	1,700 (90)	40 (97)	0.6 (98)	1.328 (98)	8.81 (56)	3	9.9 (54)	6.2 (39)	8.4 (21)	25.6 (15)	13.6 (46)	0
36047046400	New York	Kings	Borough Park	464	2,638	351	13.31	2,622	1,300	49.58	Yes	420 (62)	40 (97)	0.6 (98)	1.32 (98)	8.82 (56)	3	10.9 (77)	5.4 (24)	9.1 (29)	24.2 (11)	16.8 (78)	0
36047046800	New York	Kings	Borough Park	468	2,168	96	4.43	2,168	1,161	53.55	Yes	440 (63)	40 (97)	0.6 (98)	1.321 (98)	8.8 (55)	3	10.4 (67)	5.9 (33)	8.3 (20)	25.3 (14)	15.6 (68)	0
36047047000	New York	Kings	Borough Park	470	2,603	243	9.34	2,603	1,133	43.53	Yes	370 (59)	40 (97)	0.6 (98)	1.299 (98)	8.85 (56)	3	10.7 (74)	6.7 (49)	9.3 (32)	27.8 (26)	16 (71)	0
36047047200	New York	Kings	Borough Park	472	2,769	58	2.09	2,731	1,667	61.04	Yes	370 (58)	40 (97)	0.6 (98)	1.301 (98)	8.84 (56)	3	11.3 (84)	7.4 (66)	11.4 (58)	30.3 (40)	17.1 (80)	0
36047047400	New York	Kings	Borough Park	474	2,385	48	2.01	2,385	1,524	63.9	Yes	430 (62)	40 (97)	0.6 (98)	1.296 (98)	8.85 (57)	3	10.9 (77)	7.1 (59)	10.5 (47)	29.5 (36)	16.4 (75)	0
36047047600	New York	Kings	Borough Park	476	3,385	161	4.76	3,361	1,684	50.1	Yes	390 (60)	40 (97)	0.6 (98)	1.285 (98)	8.86 (57)	3	11.7 (88)	7.4 (66)	12 (65)	30.6 (42)	17.9 (85)	0
36047047800	New York	Kings	Borough Park	478	3,666	835	22.78	3,666	1,945	53.06	Yes	310 (53)	40 (97)	0.6 (98)	1.266 (98)	8.86 (57)	3	10.3 (65)	4.8 (15)	9.5 (34)	24.8 (12)	16.5 (76)	0
36047048000	New York	Kings	Borough Park	480	3,675	1,613	43.89	3,675	2,221	60.44	Yes	1,300 (86)	40 (97)	0.6 (98)	1.285 (98)	8.84 (56)	3	11.2 (82)	5.6 (27)	12.3 (68)	27.8 (26)	17.9 (85)	0
36047048200	New York	Kings	Borough Park	482	4,885	2,679	54.84	4,885	2,234	45.73	Yes	1,300 (86)	40 (97)	0.6 (98)	1.267 (98)	8.86 (57)	3	9.7 (49)	6.4 (43)	11 (54)	27.9 (26)	12.7 (35)	0
36047048400	New York	Kings	Borough Park	484	5,574	2,047	36.72	5,522	2,921	52.9	Yes	1,000 (82)	40 (97)	0.6 (98)	1.262 (98)	8.87 (57)	3	10.3 (65)	5.6 (27)	10.1 (42)	26.2 (18)	14.8 (59)	0
36047048500	New York	Kings	Williamsburg - Bushwick	485	2,289	1,027	44.87	2,289	727	31.76	Yes	680 (74)	40 (97)	0.6 (98)	1.102 (98)	9.04 (62)	3	8.6 (18)	2.6 (1)	4.5 (1)	13.2 (1)	12.8 (36)	0
36047048600	New York	Kings	Borough Park	486	3,200	2,226	69.56	3,200	1,717	53.66	Yes	890 (80)	40 (97)	0.6 (98)	1.246 (98)	8.9 (58)	3	8.9 (26)	3.9 (5)	11.9 (64)	24.1 (10)	14 (50)	0
36047048800	New York	Kings	Borough Park	488	3,896	1,942	49.85	3,896	1,794	46.05	Yes	1,600 (89)	40 (97)	0.6 (98)	1.243 (98)	8.91 (58)	3	9.6 (46)	5.4 (24)	11.1 (55)	26.9 (21)	13.2 (41)	0
36047048900	New York	Kings	Williamsburg - Bushwick	489	3,617	3,523	97.4	3,580	2,334	65.2	Yes	830 (78)	40 (97)	0.6 (98)	1.109 (98)	9.04 (62)	3	12.9 (95)	5.4 (24)	19 (96)	36.5 (75)	18.7 (89)	2
36047049000	New York	Kings	Borough Park	490	5,601	2,885	51.51	5,588	2,159	38.64	Yes	1,300 (86)	40 (97)	0.6 (98)	1.251 (98)	8.89 (58)	3	9.4 (40)	6 (35)	9 (28)	25.9 (17)	11.9 (26)	0
36047049100	New York	Kings	Williamsburg - Bushwick	491	7,069	5,686	80.44	7,069	2,623	37.11	Yes	550 (69)	40 (97)	0.6 (98)	1.123 (98)	9.06 (62)	3	9.8 (52)	5.6 (27)	15.7 (89)	30.7 (43)	13.8 (48)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047049200	New York	Kings	Borough Park	492	2,688	1,203	44.75	2,647	1,245	47.03	Yes	1,200 (85)	40 (97)	0.6 (98)	1.244 (98)	8.9 (58)	3	9.6 (46)	5.3 (22)	10.5 (47)	25.8 (16)	13 (39)	0	
36047049300	New York	Kings	Williamsburg - Bushwick	493	7,292	6,072	83.27	7,292	4,502	61.74	Yes	920 (80)	40 (97)	0.6 (98)	1.114 (98)	9.06 (62)	3	10.5 (70)	4.6 (12)	12.7 (71)	25.8 (16)	15.8 (70)	0	
36047049400	New York	Kings	Borough Park	494	5,707	2,927	51.29	5,564	1,967	35.35	Yes	2,400 (94)	40 (97)	0.6 (98)	1.236 (98)	8.92 (58)	3	9.4 (40)	7 (56)	10.4 (46)	28.9 (32)	11.5 (22)	0	
36047049600	New York	Kings	Borough Park	496	4,093	2,594	63.38	4,004	1,578	39.41	Yes	1,300 (86)	40 (97)	0.6 (98)	1.241 (98)	8.93 (59)	3	8.5 (16)	4.8 (15)	9.2 (31)	21.9 (6)	11.8 (25)	0	
36047049800	New York	Kings	Borough Park	498	4,139	2,377	57.43	4,139	1,074	25.95	Yes	1,100 (84)	40 (97)	0.6 (98)	1.241 (98)	8.94 (59)	3	7.9 (6)	5.5 (26)	8.3 (20)	22.9 (7)	9.8 (7)	0	
36047050500	New York	Kings	Williamsburg - Bushwick	505	4,009	2,986	74.48	4,009	1,741	43.43	Yes	600 (71)	40 (97)	0.6 (98)	1.133 (98)	9.07 (63)	3	9.6 (46)	4.9 (16)	11.6 (61)	26.5 (19)	13.2 (41)	0	
36047050600	New York	Kings	East Flatbush - Flatbush	506	5,205	4,192	80.54	5,177	2,123	41.01	Yes	730 (75)	40 (97)	0.6 (98)	1.229 (98)	8.94 (59)	3	11.1 (81)	4.7 (14)	12.5 (69)	30.4 (41)	14.7 (58)	0	
36047050700	New York	Kings	Williamsburg - Bushwick	507	3,063	721	23.54	3,063	2,206	72.02	Yes	590 (70)	40 (97)	0.6 (98)	1.13 (98)	9.07 (62)	3	11.1 (81)	3 (2)	8.3 (20)	19.8 (3)	19.6 (93)	1	
36047050801	New York	Kings	East Flatbush - Flatbush	508.01	4,075	3,639	89.3	4,075	1,901	46.65	Yes	1,800 (90)	40 (97)	0.6 (98)	1.22 (98)	8.94 (59)	3	12.3 (92)	4.8 (15)	14.1 (81)	34 (62)	15.4 (66)	1	
36047050803	New York	Kings	East Flatbush - Flatbush	508.03	2,522	2,026	80.33	2,520	1,269	50.36	Yes	1,900 (92)	40 (97)	0.6 (98)	1.222 (98)	8.96 (60)	3	11.9 (90)	4.4 (10)	11.3 (57)	29.6 (36)	14.6 (57)	1	
36047050804	New York	Kings	East Flatbush - Flatbush	508.04	6,083	4,904	80.62	6,083	2,502	41.13	Yes	1,100 (84)	40 (97)	0.6 (98)	1.225 (98)	8.96 (60)	3	10.9 (77)	4.5 (11)	10.9 (52)	29.4 (35)	13.2 (41)	0	
36047050900	New York	Kings	Williamsburg - Bushwick	509	5,440	339	6.23	5,440	3,829	70.39	Yes	610 (71)	40 (97)	0.6 (98)	1.201 (98)	9.08 (63)	3	12.7 (94)	3.1 (2)	8.3 (20)	20.8 (4)	23.5 (99)	2	
36047051001	New York	Kings	East Flatbush - Flatbush	510.01	4,092	3,792	92.67	4,092	2,009	49.1	Yes	950 (81)	40 (97)	0.6 (98)	1.218 (98)	8.92 (58)	3	12.3 (92)	4.9 (16)	12.6 (70)	32.5 (54)	14.7 (58)	1	
36047051002	New York	Kings	East Flatbush - Flatbush	510.02	4,858	4,309	88.7	4,845	2,064	42.6	Yes	1,100 (84)	40 (97)	0.6 (98)	1.219 (98)	8.93 (59)	3	11.6 (87)	5 (18)	12.2 (67)	31.9 (50)	13.7 (47)	0	
36047051100	New York	Kings	Williamsburg - Bushwick	511	4,333	2,831	65.34	4,319	2,063	47.77	Yes	740 (76)	40 (97)	0.6 (98)	1.19 (98)	9.08 (63)	3	9.2 (34)	4.9 (16)	11.8 (63)	25.9 (17)	12.9 (37)	0	
36047051200	New York	Kings	East Flatbush - Flatbush	512	5,936	4,589	77.31	5,925	2,046	34.53	Yes	400 (60)	40 (97)	0.6 (98)	1.22 (98)	8.92 (58)	3	11.3 (84)	4.9 (16)	11.6 (61)	31.3 (46)	13.3 (42)	0	
36047051400	New York	Kings	East Flatbush - Flatbush	514	7,834	6,654	84.94	7,834	2,887	36.85	Yes	630 (72)	40 (97)	0.6 (98)	1.227 (98)	8.9 (58)	3	10.9 (77)	4.7 (14)	11.6 (61)	29.6 (36)	13.4 (43)	0	
36047051601	New York	Kings	East Flatbush - Flatbush	516.01	5,252	4,849	92.33	5,240	2,080	39.69	Yes	1,200 (85)	40 (97)	0.6 (98)	1.228 (98)	8.86 (57)	3	11.9 (90)	4.7 (14)	11.9 (64)	32.3 (52)	14.4 (55)	1	
36047051602	New York	Kings	East Flatbush - Flatbush	516.02	3,895	3,580	91.91	3,787	1,372	36.23	Yes	1,100 (84)	40 (97)	0.6 (98)	1.227 (98)	8.87 (57)	3	11.8 (89)	5.7 (29)	12.8 (72)	33.9 (62)	13.7 (47)	0	
36047051800	New York	Kings	East Flatbush - Flatbush	518	3,328	2,385	71.66	3,318	1,135	34.21	Yes	470 (64)	40 (97)	0.6 (98)	1.237 (98)	8.86 (57)	3	10 (57)	5.8 (31)	10 (41)	28.8 (31)	10.9 (16)	0	

36047052000	New York	Kings	East Flatbush - Flatbush	520	3,874	2,349	60.64	3,874	1,385	35.75	Yes	270 (50)	40 (97)	0.6 (98)	1.25 (98)	8.86 (57)	3	9.7 (49)	4.7 (14)	11 (54)	26.2 (18)	12.9 (37)	0
36047052300	New York	Kings	Greenpoint	523	4,854	2,959	60.96	4,854	1,895	39.04	Yes	5,600 (98)	40 (97)	0.6 (98)	1.334 (99)	9.11 (64)	3	8.9 (26)	4.1 (7)	8.9 (27)	20.8 (4)	12.9 (37)	0
36047052500	New York	Kings	Greenpoint	525	3,270	1,460	44.65	3,270	2,220	67.89	Yes	4,700 (97)	40 (97)	0.6 (98)	1.334 (99)	9.12 (64)	3	10.9 (77)	5.8 (31)	11.8 (63)	26.7 (20)	16.3 (74)	0
36047052600	New York	Kings	Borough Park	526	4,491	2,648	58.96	4,470	1,763	39.44	Yes	540 (68)	40 (97)	0.6 (98)	1.254 (98)	8.87 (57)	3	8.9 (26)	5.4 (24)	8.3 (20)	23.9 (10)	10.4 (11)	0
36047052700	New York	Kings	Greenpoint	527	6,490	4,848	74.7	6,481	2,508	38.7	Yes	4,900 (98)	40 (97)	0.6 (98)	1.276 (98)	9.1 (63)	3	9.2 (34)	4 (6)	9.9 (40)	21.7 (5)	13.6 (46)	0
36047052800	New York	Kings	Borough Park	528	1,799	725	40.3	1,783	482	27.03	Yes	580 (70)	40 (97)	0.6 (98)	1.269 (98)	8.83 (56)	3	8.6 (18)	6.3 (41)	8.7 (24)	24 (10)	10.1 (9)	0
36047052900	New York	Kings	Greenpoint	529	3,443	101	2.93	3,441	2,504	72.77	Yes	3,300 (96)	40 (97)	0.6 (98)	1.272 (98)	9.1 (63)	3	12.2 (92)	4.6 (12)	9.1 (29)	22.6 (7)	21.1 (96)	2
36047053000	New York	Kings	Borough Park	530	4,060	1,733	42.68	4,058	2,067	50.94	Yes	650 (73)	40 (97)	0.6 (98)	1.288 (98)	8.81 (55)	3	10.2 (62)	5.5 (26)	10.9 (52)	25.8 (16)	14.8 (59)	0
36047053100	New York	Kings	Williamsburg - Bushwick	531	8,833	383	4.34	8,833	6,130	69.4	Yes	1,300 (87)	40 (97)	0.6 (98)	1.248 (98)	9.08 (63)	3	12.2 (92)	3.1 (2)	6.8 (7)	19.2 (3)	22.5 (98)	2
36047053200	New York	Kings	Borough Park	532	2,789	1,130	40.52	2,789	1,022	36.64	Yes	540 (68)	40 (97)	0.6 (98)	1.291 (98)	8.8 (55)	3	8.9 (26)	6.7 (49)	10.2 (43)	27.2 (23)	11.3 (20)	0
36047053300	New York	Kings	Greenpoint	533	6,754	206	3.05	6,754	5,085	75.29	Yes	4,800 (98)	40 (97)	0.6 (98)	1.308 (98)	9.1 (63)	3	12.6 (94)	5.7 (29)	11.1 (55)	27.8 (26)	22.2 (98)	2
36047053400	New York	Kings	Borough Park	534	4,232	1,795	42.41	4,039	2,240	55.46	Yes	490 (66)	40 (97)	0.6 (98)	1.321 (98)	8.78 (55)	3	10.6 (72)	6.5 (45)	13.4 (77)	30.6 (42)	15.4 (66)	0
36047053500	New York	Kings	Greenpoint	535	3,708	454	12.24	3,708	3,027	81.63	Yes	4,800 (98)	40 (97)	0.6 (98)	1.336 (99)	9.12 (64)	3	13.4 (97)	5.1 (19)	11.5 (59)	26.8 (21)	24 (99)	2
36047053700	New York	Kings	Greenpoint	537	3,862	122	3.16	3,673	2,718	74	Yes	6,500 (98)	40 (97)	0.6 (98)	1.323 (98)	9.1 (64)	3	12.9 (95)	5.3 (22)	11.3 (57)	27.4 (24)	23.2 (99)	2
36047053800	New York	Kings	Borough Park	538	5,180	1,765	34.07	5,124	1,678	32.75	Yes	630 (72)	40 (97)	0.6 (98)	1.342 (99)	8.74 (54)	3	9.7 (49)	8.3 (85)	10.5 (47)	31.4 (47)	12.4 (32)	0
36047053900	New York	Kings	Greenpoint	539	2,483	541	21.79	2,483	1,911	76.96	Yes	5,000 (98)	40 (97)	0.6 (98)	1.337 (99)	9.11 (64)	3	13.2 (96)	6.8 (52)	16.4 (91)	33.9 (62)	21.4 (97)	3
36047054200	New York	Kings	Borough Park	542	4,008	661	16.49	4,008	1,571	39.2	Yes	960 (81)	40 (97)	0.6 (98)	1.492 (99)	8.72 (53)	3	9.9 (54)	7.3 (64)	10 (41)	27.9 (26)	13.3 (42)	0
36047054400	New York	Kings	Borough Park	544	3,487	914	26.21	3,487	1,405	40.29	Yes	780 (77)	40 (97)	0.6 (98)	1.483 (99)	8.71 (53)	3	10.3 (65)	7.1 (59)	10.7 (50)	28.2 (28)	14.3 (54)	0
36047054500	New York	Kings	Greenpoint	545	8,138	2,608	32.05	7,982	5,801	72.68	Yes	1,500 (88)	40 (97)	0.6 (98)	1.353 (99)	9.13 (64)	3	12.8 (95)	5.9 (33)	15.7 (89)	32.8 (55)	21 (96)	2
36047054600	New York	Kings	East Flatbush - Flatbush	546	4,782	1,263	26.41	4,772	2,346	49.16	Yes	1,300 (87)	40 (97)	0.6 (98)	1.439 (99)	8.7 (53)	3	9.7 (49)	8 (80)	9.3 (32)	28 (27)	11.9 (26)	0
36047054700	New York	Kings	Greenpoint	547	5,724	1,541	26.92	5,693	3,443	60.48	Yes	1,400 (87)	40 (97)	0.6 (98)	1.361 (99)	9.14 (65)	3	11.5 (86)	3.8 (5)	9 (28)	22.1 (6)	18.5 (88)	0
36047054800	New York	Kings	Coney Island - Sheepshead Bay	548	2,090	174	8.33	2,074	621	29.94	Yes	890 (80)	40 (97)	0.6 (98)	1.475 (99)	8.67 (52)	3	9.3 (37)	7.9 (78)	8.3 (20)	25.5 (15)	10.9 (16)	0
36047054900	New York	Kings	Greenpoint	549	4,171	1,479	35.46	4,150	1,246	30.02	Yes	2,400 (94)	40 (97)	0.6 (98)	1.359 (99)	9.14 (65)	3	8.7 (21)	3 (2)	4.4 (1)	15.1 (1)	11.8 (25)	0
36047055000	New York	Kings	Coney Island - Sheepshead Bay	550	3,382	898	26.55	3,371	1,070	31.74	Yes	930 (81)	40 (97)	0.6 (98)	1.489 (99)	8.67 (52)	3	9.1 (31)	7.3 (64)	8.1 (17)	25.5 (15)	11.1 (18)	0
36047055100	New York	Kings	Greenpoint	551	5,361	3,209	59.86	5,361	1,195	22.29	Yes	1,600 (89)	40 (97)	0.6 (98)	1.354 (99)	9.14 (65)	3	8.2 (10)	4.1 (7)	6.7 (7)	17.1 (2)	10.7 (14)	0
36047055400	New York	Kings	Coney Island - Sheepshead Bay	554	4,328	1,347	31.12	4,313	1,940	44.98	Yes	720 (75)	40 (97)	0.6 (98)	1.497 (99)	8.69 (52)	3	9.7 (49)	6.6 (47)	9.5 (34)	25.8 (16)	12.9 (37)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk (Lifetime risk per million (Percentile))	Air Toxics Respiratory Hazard Index (Ratio of exposure to health-based reference concentration (Percentile))	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma (% adults (Percentile rank))	Cancer (% adults (Percentage rank))	Diabetes (% adults (Percentile rank))	High Blood Pressures (% adults (Percentile rank))	Poor Mental Health (% adults (Percentage rank))	Number of Chronic Disease Burdens above 90th Percentile	
36047055600	New York	Kings	Coney Island - Sheephead Bay	556	3,397	708	20.84	3,384	1,268	37.47	Yes	450 (63)	40 (97)	0.6 (98)	1.504 (99)	8.67 (52)	3	9.7 (49)	6.7 (49)	9.4 (33)	24.7 (12)	12.9 (37)	0	
36047055800	New York	Kings	Coney Island - Sheephead Bay	558	2,492	961	38.56	2,480	737	29.72	Yes	330 (55)	40 (97)	0.6 (98)	1.496 (99)	8.66 (51)	3	9.3 (37)	7.3 (64)	9.7 (37)	27 (22)	11.9 (26)	0	
36047056000	New York	Kings	Coney Island - Sheephead Bay	560	3,482	419	12.03	3,481	1,074	30.85	Yes	680 (74)	40 (97)	0.6 (98)	1.485 (99)	8.65 (51)	3	9.4 (40)	8.3 (85)	9.2 (31)	27.9 (26)	11.4 (21)	0	
36047056200	New York	Kings	Coney Island - Sheephead Bay	562	1,655	205	12.39	1,655	584	35.29	Yes	410 (61)	40 (97)	0.6 (98)	1.474 (99)	8.63 (51)	3	8.9 (26)	7.2 (61)	8.3 (20)	25.9 (17)	10.9 (16)	0	
36047056300	New York	Kings	Greenpoint	563	5,390	2,350	43.6	5,389	1,477	27.41	Yes	350 (56)	40 (97)	0.7 (99)	1.723 (99)	9.17 (66)	3	8.8 (23)	4.6 (12)	6.9 (8)	20.3 (4)	12 (27)	0	
36047057200	New York	Kings	Coney Island - Sheephead Bay	572	5,522	4,764	86.27	5,522	3,609	65.36	Yes	240 (46)	40 (97)	0.6 (98)	1.285 (98)	8.57 (48)	3	13 (95)	6.2 (39)	15.6 (88)	37.2 (77)	17.2 (81)	1	
36047057400	New York	Kings	Coney Island - Sheephead Bay	574	2,858	1,618	56.61	2,847	850	29.86	Yes	500 (66)	40 (97)	0.6 (98)	1.446 (99)	8.6 (49)	3	8.4 (14)	6.5 (45)	10.8 (51)	26.3 (18)	10.7 (14)	0	
36047057600	New York	Kings	Coney Island - Sheephead Bay	576	3,041	1,844	60.64	3,035	778	25.63	Yes	560 (69)	40 (97)	0.6 (98)	1.459 (99)	8.62 (50)	3	8.3 (12)	6.2 (39)	10.4 (46)	25.8 (16)	10.7 (14)	0	
36047057800	New York	Kings	Coney Island - Sheephead Bay	578	3,260	1,741	53.4	3,240	1,473	45.46	Yes	430 (62)	40 (97)	0.6 (98)	1.469 (99)	8.62 (50)	3	9.3 (37)	6.1 (37)	10.9 (52)	26.9 (21)	13 (39)	0	
36047057900	New York	Kings	Greenpoint	579	1,165	621	53.3	1,165	465	39.91	Yes	670 (73)	40 (97)	0.7 (99)	1.749 (99)	9.14 (65)	3	9.6 (46)	4.4 (10)	8.4 (21)	21.2 (5)	14.3 (54)	0	
36047058000	New York	Kings	Coney Island - Sheephead Bay	580	4,402	2,809	63.81	4,402	1,664	37.8	Yes	220 (44)	40 (97)	0.6 (98)	1.473 (99)	8.63 (50)	3	8.9 (26)	6.1 (37)	11 (54)	27.2 (23)	12.2 (29)	0	
36047058200	New York	Kings	Coney Island - Sheephead Bay	582	2,542	1,287	50.63	2,542	962	37.84	Yes	490 (66)	40 (97)	0.6 (98)	1.476 (99)	8.64 (51)	3	9.3 (37)	6.2 (39)	10.9 (52)	28.2 (28)	13.2 (41)	0	
36047058400	New York	Kings	Coney Island - Sheephead Bay	584	3,479	1,217	34.98	3,479	999	28.72	Yes	360 (57)	40 (97)	0.6 (98)	1.459 (99)	8.62 (50)	3	9.4 (40)	7 (56)	9.7 (37)	26.8 (21)	12.1 (28)	0	
36047058600	New York	Kings	Coney Island - Sheephead Bay	586	2,772	2,153	77.67	2,763	873	31.6	Yes	210 (43)	40 (97)	0.6 (98)	1.448 (99)	8.61 (50)	3	8.2 (10)	5.3 (22)	12.8 (72)	27.1 (22)	11.2 (19)	0	



36047058800	New York	Kings	Coney Island - Sheephead Bay	588	3,269	969	29.64	3,262	927	28.42	Yes	910 (80)	40 (97)	0.6 (98)	1.42 (99)	8.6 (49)	3	8.6 (18)	7.2 (61)	8.3 (20)	25.3 (14)	10.1 (9)	0
36047059000	New York	Kings	Coney Island - Sheephead Bay	590	1,834	1,041	56.76	1,834	681	37.13	Yes	760 (76)	40 (97)	0.6 (98)	1.42 (99)	8.59 (49)	3	8.9 (26)	5.2 (21)	11 (54)	26.2 (18)	12.4 (32)	0
36047059200	New York	Kings	Coney Island - Sheephead Bay	592	4,152	1,936	46.63	4,152	1,331	32.06	Yes	700 (74)	40 (97)	0.6 (98)	1.429 (99)	8.59 (49)	3	8.9 (26)	7.4 (66)	10.1 (42)	27.3 (23)	11.1 (18)	0
36047059401	New York	Kings	Coney Island - Sheephead Bay	594.01	7,396	3,351	45.31	7,386	2,351	31.83	Yes	670 (74)	40 (97)	0.6 (98)	1.417 (99)	8.58 (49)	3	8.8 (23)	6.8 (52)	10.1 (42)	27.5 (24)	11.4 (21)	0
36047059800	New York	Kings	Coney Island - Sheephead Bay	598	3,606	977	27.09	3,606	1,072	29.73	Yes	1,900 (91)	40 (97)	0.5 (95)	1.168 (98)	8.51 (47)	3	9.5 (43)	6.9 (54)	8.7 (24)	26 (17)	12 (27)	0
36047060600	New York	Kings	Coney Island - Sheephead Bay	606	2,811	904	32.16	2,761	760	27.53	Yes	3,200 (96)	40 (97)	0.6 (98)	1.378 (99)	8.57 (48)	3	9.1 (31)	8 (80)	9.9 (40)	29.1 (33)	11.1 (18)	0
36047060800	New York	Kings	Coney Island - Sheephead Bay	608	3,545	1,011	28.52	3,529	1,339	37.94	Yes	5,200 (98)	40 (97)	0.6 (98)	1.292 (98)	8.54 (48)	3	9.1 (31)	7.6 (71)	8.8 (25)	26.9 (21)	11.1 (18)	0
36047061003	New York	Kings	Coney Island - Sheephead Bay	610.03	1,669	1,136	68.06	1,669	1,025	61.41	Yes	2,200 (93)	40 (97)	0.6 (98)	1.276 (98)	8.56 (48)	3	9.5 (43)	4.4 (10)	11.3 (57)	24.2 (11)	14.6 (57)	0
36047061004	New York	Kings	Coney Island - Sheephead Bay	610.04	6,221	1,210	19.45	6,221	3,090	49.67	Yes	860 (79)	40 (97)	0.6 (98)	1.23 (98)	8.54 (47)	3	10.2 (62)	9.8 (97)	12.5 (69)	34.6 (66)	12.5 (33)	1
36047062200	New York	Kings	Coney Island - Sheephead Bay	622	2,715	621	22.87	2,503	737	29.44	Yes	2,300 (93)	40 (97)	0.5 (95)	1.12 (98)	8.49 (46)	3	9.3 (37)	9 (93)	9.4 (33)	28.9 (32)	10.9 (16)	1
36047062600	New York	Kings	Coney Island - Sheephead Bay	626	2,869	1,617	56.36	2,869	853	29.73	Yes	360 (57)	40 (97)	0.5 (95)	1.186 (98)	8.53 (47)	3	9.2 (34)	7.4 (66)	9.5 (34)	27.8 (26)	11.3 (20)	0
36047064200	New York	Kings	Coney Island - Sheephead Bay	642	2,227	562	25.24	2,227	606	27.21	Yes	930 (81)	40 (97)	0.6 (98)	1.39 (99)	8.67 (52)	3	9.5 (43)	7.2 (61)	9.1 (29)	26.7 (20)	12 (27)	0
36047065000	New York	Kings	Canarsie - Flatlands	650	1,642	1,261	76.8	1,637	526	32.13	Yes	1,000 (82)	40 (97)	0.6 (98)	1.21 (98)	8.68 (52)	3	10.1 (60)	6.2 (39)	10.7 (50)	29.1 (33)	12 (27)	0
36047067000	New York	Kings	Canarsie - Flatlands	670	2,934	2,384	81.25	2,934	498	16.97	Yes	1,200 (85)	40 (97)	0.6 (98)	1.129 (98)	8.59 (49)	3	10.3 (65)	6.2 (39)	9.6 (36)	29.2 (34)	11.4 (21)	0
36047067200	New York	Kings	Canarsie - Flatlands	672	1,640	1,426	86.95	1,640	292	17.8	Yes	610 (71)	40 (97)	0.6 (98)	1.151 (98)	8.65 (51)	3	11.4 (85)	5.3 (22)	11.4 (58)	30.6 (42)	13.2 (41)	0
36047067400	New York	Kings	Canarsie - Flatlands	674	1,920	1,651	85.99	1,920	516	26.88	Yes	690 (74)	40 (97)	0.6 (98)	1.175 (98)	8.66 (51)	3	10.9 (77)	5.6 (27)	10.8 (51)	31.8 (49)	12.3 (30)	0
36047067600	New York	Kings	Canarsie - Flatlands	676	1,760	1,646	93.52	1,754	327	18.64	Yes	630 (72)	40 (97)	0.6 (98)	1.133 (98)	8.68 (52)	3	11.3 (84)	6.2 (39)	12 (65)	32.6 (54)	12.2 (29)	0
36047067800	New York	Kings	Canarsie - Flatlands	678	2,852	2,618	91.8	2,839	529	18.63	Yes	370 (58)	40 (97)	0.6 (98)	1.09 (98)	8.67 (52)	3	11.1 (81)	5.9 (33)	10.8 (51)	32.3 (52)	11.8 (25)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047068000	New York	Kings	Canarsie - Flatlands	680	2,185	2,049	93.78	2,185	769	35.19	Yes	310 (53)	40 (97)	0.6 (98)	1.122 (98)	8.66 (51)	3	10.7 (74)	5.9 (33)	10.7 (50)	31.7 (49)	12.1 (28)	0	
36047068200	New York	Kings	Canarsie - Flatlands	682	2,832	2,347	82.87	2,815	389	13.82	Yes	480 (65)	40 (97)	0.6 (98)	1.133 (98)	8.62 (50)	3	10.2 (62)	5.8 (31)	9.3 (32)	27.8 (26)	11.2 (19)	0	
36047068600	New York	Kings	Canarsie - Flatlands	686	1,718	872	50.76	1,707	202	11.83	Yes	640 (73)	40 (97)	0.6 (98)	1.112 (98)	8.58 (49)	3	9.3 (37)	8.3 (85)	9.6 (36)	29.9 (38)	10.4 (11)	0	
36047068800	New York	Kings	Canarsie - Flatlands	688	1,719	1,326	77.14	1,709	207	12.11	Yes	480 (65)	40 (97)	0.6 (98)	1.111 (98)	8.61 (50)	3	9.9 (54)	6.9 (54)	10.2 (43)	31.1 (45)	10.8 (15)	0	
36047069000	New York	Kings	Canarsie - Flatlands	690	2,082	1,775	85.25	2,077	402	19.35	Yes	400 (61)	40 (97)	0.6 (98)	1.103 (98)	8.63 (50)	3	10.2 (62)	6 (35)	9.8 (38)	29 (33)	11.1 (18)	0	
36047069200	New York	Kings	Canarsie - Flatlands	692	2,734	2,571	94.04	2,714	258	9.51	Yes	410 (61)	40 (97)	0.6 (98)	1.085 (98)	8.64 (51)	3	10.5 (70)	5.8 (31)	9.4 (33)	29.4 (35)	10.9 (16)	0	
36047069601	New York	Kings	Canarsie - Flatlands	696.01	3,248	1,879	57.85	3,248	721	22.2	Yes	320 (54)	40 (97)	0.6 (98)	1.066 (97)	8.65 (51)	3	9.8 (52)	6.8 (52)	9.2 (31)	28.7 (31)	11 (17)	0	
36047069602	New York	Kings	Canarsie - Flatlands	696.02	5,812	1,907	32.81	5,812	1,754	30.18	Yes	160 (37)	40 (97)	0.6 (98)	1.059 (97)	8.6 (49)	3	9.9 (54)	6.6 (47)	9 (28)	26.4 (19)	12.3 (30)	0	
36047072000	New York	Kings	Canarsie - Flatlands	720	2,019	1,896	93.91	2,019	327	16.2	Yes	720 (75)	40 (97)	0.6 (98)	1.078 (98)	8.68 (52)	3	11.3 (84)	5 (18)	10 (41)	31.5 (48)	12.3 (30)	0	
36047072200	New York	Kings	Canarsie - Flatlands	722	2,881	2,791	96.88	2,881	586	20.34	Yes	650 (73)	40 (97)	0.6 (98)	1.108 (98)	8.72 (53)	3	11.4 (85)	6.2 (39)	12.8 (72)	36 (72)	11.7 (24)	0	
36047072400	New York	Kings	Canarsie - Flatlands	724	1,979	1,923	97.17	1,979	512	25.87	Yes	470 (64)	40 (97)	0.6 (98)	1.123 (98)	8.74 (54)	3	11.7 (88)	6 (35)	12.7 (71)	35.8 (71)	12.2 (29)	0	
36047072600	New York	Kings	Canarsie - Flatlands	726	2,343	2,287	97.61	2,343	301	12.85	Yes	500 (66)	40 (97)	0.6 (98)	1.183 (98)	8.75 (54)	3	11.3 (84)	5.9 (33)	11.3 (57)	33 (57)	11.6 (23)	0	
36047072800	New York	Kings	Canarsie - Flatlands	728	3,946	3,845	97.44	3,946	626	15.86	Yes	540 (68)	40 (97)	0.6 (98)	1.126 (98)	8.71 (53)	3	11.2 (82)	6.6 (47)	12.5 (69)	35.6 (70)	11.4 (21)	0	
36047073000	New York	Kings	Canarsie - Flatlands	730	2,278	2,181	95.74	2,278	390	17.12	Yes	900 (80)	40 (97)	0.6 (98)	1.157 (98)	8.7 (52)	3	10.7 (74)	6.3 (41)	11.1 (55)	33.9 (62)	10.8 (15)	0	
36047073200	New York	Kings	Canarsie - Flatlands	732	2,195	2,157	98.27	2,164	435	20.1	Yes	910 (80)	40 (97)	0.6 (98)	1.194 (98)	8.72 (53)	3	11.3 (84)	5.6 (27)	12.1 (66)	32.8 (55)	12.5 (33)	0	
36047073400	New York	Kings	East Flatbush - Flatbush	734	1,776	1,738	97.86	1,776	251	14.13	Yes	900 (80)	40 (97)	0.6 (98)	1.214 (98)	8.74 (54)	3	10.6 (72)	5.6 (27)	10.6 (49)	31.7 (49)	10.5 (12)	0	
36047073600	New York	Kings	East Flatbush - Flatbush	736	3,198	3,043	95.15	3,176	847	26.67	Yes	1,400 (88)	40 (97)	0.6 (98)	1.216 (98)	8.71 (53)	3	11.2 (82)	5.3 (22)	12.1 (66)	31.5 (48)	13.2 (41)	0	
36047073800	New York	Kings	East Flatbush - Flatbush	738	3,977	2,743	68.97	3,977	2,045	51.42	Yes	990 (82)	40 (97)	0.6 (98)	1.245 (98)	8.71 (53)	3	11.2 (82)	5.7 (29)	12 (65)	31.5 (48)	13.9 (49)	0	
36047074000	New York	Kings	East Flatbush - Flatbush	740	3,598	3,212	89.27	3,588	879	24.5	Yes	960 (81)	40 (97)	0.6 (98)	1.223 (98)	8.75 (54)	3	11.1 (81)	5.1 (19)	11.3 (57)	30.6 (42)	12.7 (35)	0	
36047074200	New York	Kings	East Flatbush - Flatbush	742	3,136	1,685	53.73	3,122	963	30.85	Yes	690 (74)	40 (97)	0.6 (98)	1.236 (98)	8.76 (54)	3	11 (79)	5.4 (24)	10.6 (49)	29.3 (34)	13.2 (41)	0	
36047075000	New York	Kings	East Flatbush - Flatbush	750	2,857	714	24.99	2,856	957	33.51	Yes	400 (61)	40 (97)	0.6 (98)	1.254 (98)	8.77 (54)	3	9.5 (43)	6.2 (39)	7.5 (12)	25.1 (13)	12.1 (28)	0	
36047076000	New York	Kings	East Flatbush - Flatbush	760	2,930	348	11.88	2,930	999	34.1	Yes	800 (78)	40 (97)	0.6 (98)	1.313 (98)	8.76 (54)	3	9.4 (40)	7.9 (78)	8.2 (18)	26.2 (18)	11.3 (20)	0	

36047076200	New York	Kings	Borough Park	762	4,285	1,693	39.51	4,261	1,967	46.16	Yes	890 (80)	40 (97)	0.6 (98)	1.282 (98)	8.79 (55)	3	10.2 (62)	6.8 (52)	11.6 (61)	29.5 (36)	13.6 (46)	0
36047076400	New York	Kings	Borough Park	764	3,602	2,528	70.18	3,558	1,112	31.25	Yes	970 (82)	40 (97)	0.6 (98)	1.261 (98)	8.83 (56)	3	10.9 (77)	5.4 (24)	11.3 (57)	31.1 (45)	12.7 (35)	0
36047076600	New York	Kings	East Flatbush - Flatbush	766	2,103	1,846	87.78	2,081	603	28.98	Yes	1,000 (82)	40 (97)	0.6 (98)	1.247 (98)	8.83 (56)	3	11.5 (86)	5.2 (21)	11.8 (63)	32.3 (52)	12.9 (37)	0
36047076800	New York	Kings	Borough Park	768	3,219	651	20.22	3,179	1,460	45.93	Yes	780 (77)	40 (97)	0.6 (98)	1.363 (99)	8.75 (54)	3	9.7 (49)	6.6 (47)	9.8 (38)	26.5 (19)	13.1 (40)	0
36047077000	New York	Kings	East Flatbush - Flatbush	770	2,820	2,459	87.2	2,629	1,170	44.5	Yes	1,100 (84)	40 (97)	0.6 (98)	1.23 (98)	8.84 (56)	3	11.1 (81)	5.4 (24)	11.8 (63)	32.8 (55)	12.6 (34)	0
36047077200	New York	Kings	East Flatbush - Flatbush	772	3,114	1,905	61.18	3,099	758	24.46	Yes	760 (76)	40 (97)	0.6 (98)	1.243 (98)	8.81 (55)	3	10.4 (67)	6.1 (37)	10.1 (42)	29.3 (34)	11.9 (26)	0
36047077400	New York	Kings	East Flatbush - Flatbush	774	3,250	2,691	82.8	3,250	693	21.32	Yes	990 (82)	40 (97)	0.6 (98)	1.231 (98)	8.8 (55)	3	11.2 (82)	5.1 (19)	10.5 (47)	28.9 (32)	13.4 (43)	0
36047077600	New York	Kings	East Flatbush - Flatbush	776	3,732	3,498	93.73	3,732	1,198	32.1	Yes	740 (76)	40 (97)	0.6 (98)	1.214 (98)	8.77 (54)	3	11 (79)	6.3 (41)	11.9 (64)	33.7 (61)	11.1 (18)	0
36047078000	New York	Kings	East Flatbush - Flatbush	780	2,161	2,106	97.45	2,159	319	14.78	Yes	110 (29)	40 (97)	0.6 (98)	1.203 (98)	8.79 (55)	3	11.3 (84)	6.1 (37)	11.8 (63)	34.5 (65)	11.4 (21)	0
36047078200	New York	Kings	East Flatbush - Flatbush	782	4,923	4,880	99.13	4,923	1,784	36.24	Yes	230 (45)	40 (97)	0.6 (98)	1.209 (98)	8.81 (55)	3	11.9 (90)	5.6 (27)	12.4 (69)	35.3 (69)	12.7 (35)	1
36047078400	New York	Kings	East Flatbush - Flatbush	784	2,386	2,250	94.3	2,360	616	26.1	Yes	350 (56)	40 (97)	0.6 (98)	1.214 (98)	8.79 (55)	3	11.1 (81)	6.2 (39)	12.4 (69)	34.5 (65)	11.5 (22)	0
36047078600	New York	Kings	East Flatbush - Flatbush	786	4,753	4,314	90.76	4,753	1,998	42.04	Yes	1,000 (82)	40 (97)	0.6 (98)	1.225 (98)	8.81 (55)	3	11.7 (88)	5.5 (26)	13.3 (76)	35.3 (69)	13.5 (44)	0
36047078800	New York	Kings	East Flatbush - Flatbush	788	3,528	3,484	98.75	3,473	1,774	51.08	Yes	820 (78)	40 (97)	0.6 (98)	1.221 (98)	8.83 (56)	3	12.8 (95)	5.4 (24)	15.5 (88)	38.8 (83)	15.2 (64)	1
36047079000	New York	Kings	East Flatbush - Flatbush	790	5,096	4,971	97.55	5,086	1,848	36.34	Yes	1,400 (87)	40 (97)	0.6 (98)	1.221 (98)	8.87 (57)	3	12.6 (94)	5.5 (26)	14.2 (82)	36.9 (76)	14.6 (57)	1
36047079200	New York	Kings	East Flatbush - Flatbush	792	3,488	3,112	89.22	3,488	1,130	32.4	Yes	1,100 (84)	40 (97)	0.6 (98)	1.216 (98)	8.89 (58)	3	12.7 (94)	5 (18)	13.5 (77)	35.5 (70)	15.3 (65)	1
36047079400	New York	Kings	East Flatbush - Flatbush	794	1,716	1,581	92.13	1,716	906	52.8	Yes	1,300 (86)	40 (97)	0.6 (98)	1.217 (98)	8.92 (58)	3	12.4 (93)	5.2 (21)	13.8 (79)	35.4 (70)	14.7 (58)	1
36047079601	New York	Kings	East Flatbush - Flatbush	796.01	4,536	3,449	76.04	4,536	1,705	37.59	Yes	1,500 (89)	40 (97)	0.6 (98)	1.23 (98)	8.97 (60)	3	10.8 (76)	5.1 (19)	9.9 (40)	28.8 (31)	12.1 (28)	0
36047079602	New York	Kings	East Flatbush - Flatbush	796.02	4,797	4,177	87.08	4,775	1,597	33.45	Yes	1,900 (91)	40 (97)	0.6 (98)	1.22 (98)	8.95 (59)	3	11.7 (88)	5.1 (19)	12.2 (67)	33.8 (61)	13.5 (44)	0
36047079801	New York	Kings	East Flatbush - Flatbush	798.01	2,869	1,921	66.96	2,869	803	27.99	Yes	1,400 (87)	40 (97)	0.6 (98)	1.235 (98)	8.99 (61)	3	10.4 (67)	5.7 (29)	10 (41)	30.8 (43)	10.5 (12)	0
36047079802	New York	Kings	East Flatbush - Flatbush	798.02	5,441	3,988	73.3	5,441	1,879	34.53	Yes	1,500 (88)	40 (97)	0.6 (98)	1.235 (98)	8.98 (60)	3	11.2 (82)	4.9 (16)	10.6 (49)	29.7 (37)	12.8 (36)	0
36047080000	New York	Kings	East Flatbush - Flatbush	800	3,689	2,747	74.46	3,679	668	18.16	Yes	840 (79)	40 (97)	0.6 (98)	1.22 (98)	8.99 (61)	3	10.5 (70)	6.2 (39)	11 (54)	32.4 (53)	10.7 (14)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk (Lifetime risk per million (Percentile))	Air Toxics Respiratory Hazard Index (Ratio of exposure to health-based reference concentration (Percentile))	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047080200	New York	Kings	East Flatbush - Flatbush	802	4,578	3,916	85.54	4,528	1,528	33.75	Yes	760 (76)	40 (97)	0.6 (98)	1.219 (98)	8.97 (60)	3	11.5 (86)	5.6 (27)	12.3 (68)	34.7 (66)	12.3 (30)	0	
36047080400	New York	Kings	East Flatbush - Flatbush	804	3,191	2,855	89.47	3,191	1,048	32.84	Yes	570 (70)	40 (97)	0.6 (98)	1.217 (98)	8.97 (60)	3	12.3 (92)	5.2 (21)	12.6 (70)	34.6 (66)	14.2 (53)	1	
36047080600	New York	Kings	East Flatbush - Flatbush	806	3,355	2,238	66.71	3,355	1,451	43.25	Yes	340 (56)	40 (97)	0.6 (98)	1.201 (98)	8.98 (60)	3	11.7 (88)	5 (18)	11.9 (64)	33.2 (58)	14.2 (53)	0	
36047080800	New York	Kings	East Flatbush - Flatbush	808	1,326	1,209	91.18	752	554	73.67	Yes	200 (42)	40 (97)	0.5 (95)	1.196 (98)	8.93 (59)	3	11.8 (89)	8.8 (91)	27.5 (100)	57 (100)	14.6 (57)	3	
36047081000	New York	Kings	East Flatbush - Flatbush	810	2,322	1,903	81.96	2,240	763	34.06	Yes	300 (52)	40 (97)	0.6 (98)	1.203 (98)	8.96 (60)	3	11.7 (88)	5.7 (29)	13 (74)	36.1 (73)	12.8 (36)	0	
36047081400	New York	Kings	East Flatbush - Flatbush	814	2,770	2,712	97.91	2,763	1,180	42.71	Yes	810 (78)	40 (97)	0.6 (98)	1.197 (98)	8.91 (58)	3	12.2 (92)	6.1 (37)	15 (86)	39.1 (84)	13.4 (43)	1	
36047081600	New York	Kings	East Flatbush - Flatbush	816	2,653	2,483	93.59	2,626	1,263	48.1	Yes	810 (78)	40 (97)	0.6 (98)	1.202 (98)	8.92 (59)	3	12.3 (92)	5.6 (27)	14.9 (85)	37.4 (78)	14.3 (54)	1	
36047081800	New York	Kings	East Flatbush - Flatbush	818	4,528	4,127	91.14	4,228	1,270	30.04	Yes	1,000 (82)	40 (97)	0.6 (98)	1.213 (98)	8.94 (59)	3	11.1 (81)	5 (18)	10.6 (49)	31.7 (49)	12.3 (30)	0	
36047082000	New York	Kings	East Flatbush - Flatbush	820	5,175	4,969	96.02	5,166	2,751	53.25	Yes	1,200 (85)	40 (97)	0.6 (98)	1.217 (98)	8.94 (59)	3	12.7 (94)	5.1 (19)	14.6 (84)	36.4 (74)	15.3 (65)	1	
36047082200	New York	Kings	East Flatbush - Flatbush	822	7,170	6,286	87.67	7,062	2,760	39.08	Yes	1,400 (88)	40 (97)	0.6 (98)	1.218 (98)	8.94 (59)	3	12.2 (92)	5.9 (33)	14.5 (84)	37.3 (78)	13.8 (48)	1	
36047082400	New York	Kings	East Flatbush - Flatbush	824	4,910	4,805	97.86	4,910	1,365	27.8	Yes	920 (80)	40 (97)	0.6 (98)	1.213 (98)	8.91 (58)	3	12.2 (92)	5.1 (19)	13 (74)	35.2 (69)	14.1 (52)	1	
36047082600	New York	Kings	East Flatbush - Flatbush	826	4,911	4,495	91.53	4,911	1,232	25.09	Yes	800 (77)	40 (97)	0.6 (98)	1.21 (98)	8.88 (57)	3	11.8 (89)	5.7 (29)	13 (74)	36.1 (73)	12.9 (37)	0	
36047082800	New York	Kings	East Flatbush - Flatbush	828	3,706	3,456	93.25	3,693	1,502	40.67	Yes	910 (80)	40 (97)	0.6 (98)	1.215 (98)	8.86 (57)	3	12 (90)	5.3 (22)	13.3 (76)	34.9 (67)	13.6 (46)	1	
36047083000	New York	Kings	East Flatbush - Flatbush	830	6,306	6,229	98.78	6,306	2,510	39.8	Yes	620 (71)	40 (97)	0.6 (98)	1.21 (98)	8.85 (56)	3	12.1 (91)	5.1 (19)	12 (65)	32.5 (54)	13.5 (44)	1	
36047083200	New York	Kings	East Flatbush - Flatbush	832	2,127	2,125	99.91	2,125	700	32.94	Yes	440 (63)	40 (97)	0.6 (98)	1.201 (98)	8.84 (56)	3	11.7 (88)	6.1 (37)	13.3 (76)	36.9 (76)	12.2 (29)	0	
36047083400	New York	Kings	East Flatbush - Flatbush	834	1,745	1,745	100	1,722	621	36.06	Yes	330 (55)	40 (97)	0.6 (98)	1.188 (98)	8.83 (56)	3	12.1 (91)	6.5 (45)	15 (86)	38.7 (82)	12.8 (36)	1	
36047083600	New York	Kings	East Flatbush - Flatbush	836	2,017	2,017	100	2,017	503	24.94	Yes	140 (34)	40 (97)	0.6 (98)	1.18 (98)	8.79 (55)	3	11.7 (88)	6.1 (37)	13.6 (78)	36.7 (75)	12.5 (33)	0	



36047083800	New York	Kings	East Flatbush - Flatbush	838	2,073	2,071	99.9	2,060	473	22.96	Yes	220 (44)	40 (97)	0.6 (98)	1.177 (98)	8.81 (56)	3	11.2 (82)	6.2 (39)	12.6 (70)	36 (72)	11.5 (22)	0
36047084000	New York	Kings	East Flatbush - Flatbush	840	2,520	2,487	98.69	2,493	584	23.43	Yes	360 (57)	40 (97)	0.6 (98)	1.165 (98)	8.8 (55)	3	11.6 (87)	6.6 (47)	14 (81)	37.6 (79)	12.4 (32)	0
36047084600	New York	Kings	East Flatbush - Flatbush	846	2,023	1,941	95.95	2,023	598	29.56	Yes	810 (78)	40 (97)	0.6 (98)	1.142 (98)	8.79 (55)	3	11.2 (82)	6.5 (45)	13.5 (77)	38 (80)	11.6 (23)	0
36047084800	New York	Kings	East Flatbush - Flatbush	848	1,701	1,696	99.71	1,690	300	17.75	Yes	470 (65)	40 (97)	0.6 (98)	1.163 (98)	8.81 (55)	3	11.4 (85)	6.3 (41)	13.1 (74)	38 (80)	11.9 (26)	0
36047085000	New York	Kings	East Flatbush - Flatbush	850	1,489	1,489	100	1,489	342	22.97	Yes	250 (48)	40 (97)	0.6 (98)	1.177 (98)	8.83 (56)	3	11.6 (87)	6.4 (43)	14 (81)	37.9 (80)	12.3 (30)	0
36047085200	New York	Kings	East Flatbush - Flatbush	852	26	26	100	26	0	0	Yes	230 (46)	40 (97)	0.5 (95)	1.188 (98)	8.86 (57)	3						
36047085400	New York	Kings	East Flatbush - Flatbush	854	1,966	1,906	96.95	1,958	632	32.28	Yes	530 (68)	40 (97)	0.6 (98)	1.194 (98)	8.86 (57)	3	12 (90)	5.7 (29)	13.3 (76)	35.4 (70)	13.3 (42)	1
36047085600	New York	Kings	East Flatbush - Flatbush	856	3,384	3,279	96.9	3,384	1,099	32.48	Yes	590 (70)	40 (97)	0.6 (98)	1.198 (98)	8.9 (58)	3	12 (90)	5.6 (27)	12.8 (72)	35.3 (69)	13.1 (40)	1
36047085800	New York	Kings	East Flatbush - Flatbush	858	2,107	2,101	99.72	2,107	427	20.27	Yes	780 (77)	40 (97)	0.6 (98)	1.189 (98)	8.88 (57)	3	11.9 (90)	6 (35)	13.3 (76)	36.7 (75)	13 (39)	1
36047086000	New York	Kings	East Flatbush - Flatbush	860	3,627	3,616	99.7	3,623	941	25.97	Yes	780 (77)	40 (97)	0.6 (98)	1.186 (98)	8.86 (57)	3	11.6 (87)	5.7 (29)	13 (74)	37.4 (78)	12.6 (34)	0
36047086200	New York	Kings	East Flatbush - Flatbush	862	2,821	2,685	95.18	2,821	1,053	37.33	Yes	800 (77)	40 (97)	0.6 (98)	1.177 (98)	8.85 (56)	3	13 (95)	5.7 (29)	15.2 (87)	36.8 (76)	15.2 (64)	1
36047086400	New York	Kings	East Flatbush - Flatbush	864	2,343	2,331	99.49	2,343	578	24.67	Yes	1,400 (87)	40 (97)	0.6 (98)	1.159 (98)	8.84 (56)	3	11.8 (89)	5.9 (33)	13.1 (74)	37.6 (79)	12.5 (33)	0
36047086600	New York	Kings	East Flatbush - Flatbush	866	3,145	3,046	96.85	3,122	988	31.65	Yes	980 (82)	40 (97)	0.6 (98)	1.175 (98)	8.87 (57)	3	12.1 (91)	6 (35)	13.6 (78)	37.9 (80)	12.8 (36)	1
36047086800	New York	Kings	East Flatbush - Flatbush	868	3,413	3,340	97.86	3,378	1,500	44.41	Yes	1,300 (86)	40 (97)	0.6 (98)	1.183 (98)	8.88 (57)	3	12.9 (95)	5.6 (27)	14.4 (83)	38.2 (81)	14.6 (57)	1
36047087000	New York	Kings	East Flatbush - Flatbush	870	3,125	2,999	95.97	3,125	1,440	46.08	Yes	940 (81)	40 (97)	0.6 (98)	1.188 (98)	8.89 (58)	3	12.6 (94)	5.9 (33)	15.5 (88)	39.7 (85)	14 (50)	1
36047087200	New York	Kings	East Flatbush - Flatbush	872	3,130	2,955	94.41	3,120	1,263	40.48	Yes	790 (77)	40 (97)	0.6 (98)	1.189 (98)	8.9 (58)	3	12.4 (93)	6.3 (41)	15.7 (89)	39.1 (84)	13.7 (47)	1
36047087401	New York	Kings	East Flatbush - Flatbush	874.01	3,759	3,485	92.71	3,722	1,778	47.77	Yes	220 (45)	40 (97)	0.6 (98)	1.192 (98)	8.95 (60)	3	12.7 (94)	6.8 (52)	17.2 (93)	41.1 (88)	14.6 (57)	2
36047087600	New York	Kings	East Flatbush - Flatbush	876	1,709	1,360	79.58	1,696	566	33.37	Yes	520 (67)	40 (97)	0.6 (98)	1.19 (98)	8.94 (59)	3	11.9 (90)	6 (35)	13.9 (80)	37.1 (77)	13.1 (40)	1
36047087800	New York	Kings	East Flatbush - Flatbush	878	2,647	2,610	98.6	2,164	821	37.94	Yes	650 (73)	40 (97)	0.6 (98)	1.185 (98)	8.91 (58)	3	12.6 (94)	6.8 (52)	16.5 (91)	42.9 (92)	14.3 (54)	3
36047088000	New York	Kings	East Flatbush - Flatbush	880	2,725	2,508	92.04	2,725	736	27.01	Yes	970 (82)	40 (97)	0.6 (98)	1.183 (98)	8.92 (59)	3	11.7 (88)	6.5 (45)	14.6 (84)	39.5 (85)	12.1 (28)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36047088200	New York	Kings	Bedford Stuyvesant - Crown Heights	882	6,353	6,273	98.74	6,353	2,887	45.44	Yes	860 (79)	40 (97)	0.6 (98)	1.166 (98)	8.9 (58)	3	12.2 (92)	5.6 (27)	13.3 (76)	36 (72)	13.4 (43)	1
36047088400	New York	Kings	Bedford Stuyvesant - Crown Heights	884	4,401	4,318	98.11	4,401	1,557	35.38	Yes	1,000 (82)	40 (97)	0.6 (98)	1.164 (98)	8.89 (58)	3	12.9 (95)	5 (18)	13.2 (75)	35.7 (71)	14.9 (61)	1
36047088600	New York	Kings	Bedford Stuyvesant - Crown Heights	886	4,089	4,015	98.19	4,065	1,937	47.65	Yes	1,600 (89)	40 (97)	0.6 (98)	1.143 (98)	8.85 (57)	3	12.8 (95)	5.3 (22)	14.9 (85)	37.3 (78)	15.1 (63)	1
36047088800	New York	Kings	Canarsie - Flatlands	888	4,086	4,077	99.78	4,086	1,332	32.6	Yes	1,200 (85)	40 (97)	0.6 (98)	1.118 (98)	8.81 (56)	3	12.3 (92)	5.6 (27)	13.1 (74)	35.8 (71)	13.5 (44)	1
36047089000	New York	Kings	Bedford Stuyvesant - Crown Heights	890	5,912	5,777	97.72	5,263	2,671	50.75	Yes	1,200 (85)	40 (97)	0.6 (98)	1.112 (98)	8.81 (55)	3	13.2 (96)	5.6 (27)	16 (90)	39.8 (86)	15.9 (71)	2
36047089200	New York	Kings	Bedford Stuyvesant - Crown Heights	892	3,265	3,204	98.13	3,254	2,119	65.12	Yes	1,700 (90)	40 (97)	0.6 (98)	1.156 (98)	8.88 (57)	3	14.3 (98)	4.7 (14)	16 (90)	39 (83)	18.4 (88)	2
36047089400	New York	Kings	Bedford Stuyvesant - Crown Heights	894	3,254	3,130	96.19	3,226	1,617	50.12	Yes	800 (78)	40 (97)	0.6 (98)	1.126 (98)	8.84 (56)	3	12.7 (94)	5.1 (19)	14.3 (82)	34.8 (67)	15.4 (66)	1
36047089600	New York	Kings	Bedford Stuyvesant - Crown Heights	896	3,160	3,144	99.49	3,160	1,385	43.83	Yes	490 (66)	40 (97)	0.5 (95)	1.093 (98)	8.81 (55)	3	12.8 (95)	4.8 (15)	13.8 (79)	34.6 (66)	15.5 (67)	1
36047089800	New York	Kings	Bedford Stuyvesant - Crown Heights	898	1,820	1,762	96.81	1,820	592	32.53	Yes	230 (45)	40 (97)	0.5 (95)	1.112 (98)	8.83 (56)	3	12.4 (93)	4.9 (16)	13.4 (77)	34.8 (67)	14.4 (55)	1
36047090000	New York	Kings	Bedford Stuyvesant - Crown Heights	900	3,912	3,903	99.77	3,873	2,412	62.28	Yes	1,100 (84)	40 (97)	0.6 (98)	1.149 (98)	8.88 (57)	3	14.1 (98)	4.6 (12)	15.6 (88)	36 (72)	18.5 (88)	1
36047090200	New York	Kings	Bedford Stuyvesant - Crown Heights	902	3,309	3,225	97.46	3,269	2,015	61.64	Yes	330 (55)	40 (97)	0.6 (98)	1.127 (98)	8.87 (57)	3	13.3 (96)	5 (18)	15.5 (88)	36.1 (73)	17.2 (81)	1
36047090600	New York	Kings	Bedford Stuyvesant - Crown Heights	906	3,295	3,270	99.24	3,295	2,634	79.94	Yes	390 (59)	40 (97)	0.5 (95)	1.097 (98)	8.84 (56)	3	14.2 (98)	4.7 (14)	16.7 (92)	36.5 (75)	19.8 (93)	3
36047090800	New York	Kings	Bedford Stuyvesant - Crown Heights	908	5,992	5,882	98.16	5,669	5,001	88.22	Yes	340 (56)	40 (97)	0.5 (95)	1.085 (98)	8.81 (55)	3	15.5 (99)	4.5 (11)	19.2 (96)	37.5 (78)	23 (99)	3

36047091000	New York	Kings	Bedford Stuyvesant - Crown Heights	910	4,196	4,196	100	4,183	3,296	78.8	Yes	39 (15)	40 (97)	0.5 (95)	1.077 (98)	8.79 (55)	3	15 (99)	6.2 (39)	22.6 (99)	43.9 (93)	20.7 (96)	4
36047091200	New York	Kings	Bedford Stuyvesant - Crown Heights	912	5,589	5,580	99.84	5,589	4,453	79.67	Yes	140 (33)	40 (97)	0.5 (95)	1.09 (98)	8.8 (55)	3	14.9 (99)	4.8 (15)	17.8 (94)	37.8 (80)	20.8 (96)	3
36047091600	New York	Kings	Bedford Stuyvesant - Crown Heights	916	3,481	3,455	99.25	3,463	2,372	68.5	Yes	330 (55)	40 (97)	0.5 (95)	1.088 (98)	8.79 (55)	3	13.8 (98)	4.7 (14)	15.6 (88)	35.8 (71)	18.3 (88)	1
36047091800	New York	Kings	Bedford Stuyvesant - Crown Heights	918	2,250	2,246	99.82	2,229	1,389	62.31	Yes	79 (24)	40 (97)	0.5 (95)	1.077 (98)	8.77 (54)	3	12.4 (93)	5.3 (22)	16.2 (90)	36 (72)	15.6 (68)	2
36047092000	New York	Kings	Bedford Stuyvesant - Crown Heights	920	2,523	2,512	99.56	2,523	1,458	57.79	Yes	700 (75)	40 (97)	0.5 (95)	1.074 (98)	8.76 (54)	3	14.3 (98)	4.9 (16)	16.4 (91)	38.2 (81)	18.6 (89)	2
36047092200	New York	Kings	Bedford Stuyvesant - Crown Heights	922	2,537	2,502	98.62	2,537	1,094	43.12	Yes	1,200 (86)	40 (97)	0.6 (98)	1.082 (98)	8.76 (54)	3	12.9 (95)	6.9 (54)	18.1 (95)	42 (90)	14.7 (58)	3
36047092400	New York	Kings	Bedford Stuyvesant - Crown Heights	924	2,653	2,647	99.77	2,592	1,660	64.04	Yes	210 (44)	40 (97)	0.5 (95)	1.107 (98)	8.83 (56)	3	13 (95)	4.8 (15)	14.4 (83)	34.5 (65)	16.6 (77)	1
36047092800	New York	Kings	Canarsie - Flatlands	928	3,022	2,956	97.82	3,022	711	23.53	Yes	770 (77)	40 (97)	0.6 (98)	1.088 (98)	8.78 (55)	3	11.6 (87)	5.8 (31)	12.3 (68)	34.8 (67)	12.2 (29)	0
36047093000	New York	Kings	Canarsie - Flatlands	930	3,068	3,050	99.41	3,050	743	24.36	Yes	950 (81)	40 (97)	0.5 (95)	1.095 (98)	8.77 (54)	3	11.6 (87)	6.3 (41)	13.7 (79)	37.8 (80)	11.8 (25)	0
36047093200	New York	Kings	East Flatbush - Flatbush	932	1,124	1,098	97.69	1,124	158	14.06	Yes	370 (58)	40 (97)	0.6 (98)	1.165 (98)	8.77 (54)	3	11 (79)	6.9 (54)	13.2 (75)	36.8 (76)	10.9 (16)	0
36047093400	New York	Kings	Canarsie - Flatlands	934	2,464	2,407	97.69	2,464	501	20.33	Yes	1,100 (84)	40 (97)	0.6 (98)	1.109 (98)	8.79 (55)	3	11.3 (84)	6.6 (47)	13.6 (78)	39.2 (84)	11.2 (19)	0
36047093600	New York	Kings	East Flatbush - Flatbush	936	1,692	1,679	99.23	1,692	418	24.7	Yes	1,100 (83)	40 (97)	0.6 (98)	1.126 (98)	8.8 (55)	3	11.3 (84)	6.4 (43)	12.9 (73)	36.7 (75)	11 (17)	0
36047093800	New York	Kings	East Flatbush - Flatbush	938	2,476	2,462	99.43	2,476	447	18.05	Yes	820 (78)	40 (97)	0.6 (98)	1.162 (98)	8.83 (56)	3	11.8 (89)	5.7 (29)	12.7 (71)	37.3 (78)	12.6 (34)	0
36047094401	New York	Kings	Canarsie - Flatlands	944.01	3,534	3,457	97.82	3,516	860	24.46	Yes	780 (77)	40 (97)	0.6 (98)	1.099 (98)	8.75 (54)	3	11.6 (87)	6.2 (39)	12.8 (72)	36.7 (75)	12 (27)	0
36047094402	New York	Kings	Canarsie - Flatlands	944.02	3,248	3,190	98.21	3,248	2,451	75.46	Yes	880 (80)	40 (97)	0.6 (98)	1.077 (98)	8.71 (53)	3	14.8 (99)	5.7 (29)	18.2 (95)	39.1 (84)	19.7 (93)	3
36047094600	New York	Kings	East Flatbush - Flatbush	946	1,947	1,917	98.46	1,947	409	21.01	Yes	770 (77)	40 (97)	0.6 (98)	1.126 (98)	8.78 (55)	3	11.2 (82)	6.6 (47)	13.5 (77)	38 (80)	11.3 (20)	0
36047095000	New York	Kings	Canarsie - Flatlands	950	2,751	2,590	94.15	2,751	620	22.54	Yes	890 (80)	40 (97)	0.5 (95)	1.063 (97)	8.71 (53)	3	11.7 (88)	5.4 (24)	11.4 (58)	33.3 (58)	12.5 (33)	0
36047095400	New York	Kings	Canarsie - Flatlands	954	4,289	4,265	99.44	4,289	1,001	23.34	Yes	490 (66)	40 (97)	0.5 (95)	1.05 (97)	8.72 (53)	3	11.5 (86)	5.6 (27)	11.6 (61)	34.7 (66)	12.2 (29)	0
36047095600	New York	Kings	Canarsie - Flatlands	956	4,507	4,123	91.48	4,507	1,663	36.9	Yes	760 (76)	40 (97)	0.5 (95)	1.041 (97)	8.68 (52)	3	12.3 (92)	5.3 (22)	12.5 (69)	33.6 (60)	13.9 (49)	1
36047095800	New York	Kings	Canarsie - Flatlands	958	3,345	3,188	95.31	3,345	663	19.82	Yes	500 (66)	40 (97)	0.5 (95)	1.048 (97)	8.72 (53)	3	11.6 (87)	5.3 (22)	11.1 (55)	32.4 (53)	12.8 (36)	0
36047096200	New York	Kings	Canarsie - Flatlands	962	1,838	1,745	94.94	1,791	498	27.81	Yes	780 (77)	40 (97)	0.6 (98)	1.069 (97)	8.73 (53)	3	11.5 (86)	5 (18)	11.1 (55)	31.1 (45)	13.2 (41)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk (Lifetime risk per million (Percentile))	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36047096400	New York	Kings	Canarsie - Flatlands	964	1,978	1,908	96.46	1,970	393	19.95	Yes	920 (80)	40 (97)	0.5 (95)	1.051 (97)	8.7 (52)	3	11.3 (84)	5.3 (22)	10.6 (49)	32.6 (54)	12.2 (29)	0	
36047096600	New York	Kings	Canarsie - Flatlands	966	2,634	2,557	97.08	2,623	790	30.12	Yes	720 (75)	40 (97)	0.5 (95)	1.04 (97)	8.67 (52)	3	11.6 (87)	5.7 (29)	12.1 (66)	33.5 (59)	13 (39)	0	
36047096800	New York	Kings	Canarsie - Flatlands	968	1,713	1,679	98.02	1,698	343	20.2	Yes	660 (73)	40 (97)	0.5 (95)	1.059 (97)	8.69 (52)	3	11.1 (81)	5.5 (26)	11.2 (56)	32 (51)	12.3 (30)	0	
36047097000	New York	Kings	Canarsie - Flatlands	970	2,868	2,657	92.64	2,855	679	23.78	Yes	630 (72)	40 (97)	0.6 (98)	1.077 (98)	8.73 (53)	3	11.3 (84)	5.4 (24)	11.1 (55)	31.4 (47)	12.8 (36)	0	
36047097400	New York	Kings	Canarsie - Flatlands	974	2,743	2,578	93.98	2,486	1,018	40.95	Yes	410 (61)	40 (97)	0.5 (95)	1.064 (97)	8.68 (52)	3	12.4 (93)	6.3 (41)	14.8 (85)	37.5 (78)	14.6 (57)	1	
36047098200	New York	Kings	East New York	982	4,532	4,532	100	4,532	3,539	78.09	Yes	530 (68)	40 (97)	0.5 (95)	1.05 (97)	8.67 (52)	3	14.6 (99)	5.2 (21)	18.1 (95)	37.5 (78)	20 (94)	3	
36047098400	New York	Kings	Canarsie - Flatlands	984	1,998	1,920	96.1	1,984	358	18.04	Yes	500 (66)	40 (97)	0.5 (95)	1.046 (97)	8.63 (51)	3	11.3 (84)	5.7 (29)	11 (54)	33.7 (61)	11.6 (23)	0	
36047098600	New York	Kings	Canarsie - Flatlands	986	2,856	2,792	97.76	2,856	798	27.94	Yes	400 (60)	40 (97)	0.5 (95)	1.048 (97)	8.65 (51)	3	11.8 (89)	5.3 (22)	12 (65)	33.8 (61)	12.8 (36)	0	
36047098800	New York	Kings	Canarsie - Flatlands	988	3,365	3,157	93.82	3,082	613	19.89	Yes	590 (71)	40 (97)	0.5 (95)	1.049 (97)	8.65 (51)	3	11.2 (82)	7.1 (59)	12.9 (73)	37.4 (78)	11.6 (23)	0	
36047099000	New York	Kings	Canarsie - Flatlands	990	1,744	1,562	89.56	1,734	307	17.7	Yes	670 (73)	40 (97)	0.5 (95)	1.027 (97)	8.64 (51)	3	11.2 (82)	5.5 (26)	11.8 (63)	32.9 (56)	12.3 (30)	0	
36047099200	New York	Kings	Canarsie - Flatlands	992	2,311	2,258	97.71	2,311	446	19.3	Yes	350 (57)	40 (97)	0.5 (95)	1.024 (97)	8.65 (51)	3	11.4 (85)	5.6 (27)	11.3 (57)	32.3 (52)	12.4 (32)	0	
36047099400	New York	Kings	Canarsie - Flatlands	994	2,126	2,002	94.17	2,126	415	19.52	Yes	190 (41)	40 (97)	0.5 (95)	1.023 (97)	8.65 (51)	3	11.6 (87)	5.2 (21)	10.6 (49)	31 (45)	12.4 (32)	0	
36047099600	New York	Kings	Canarsie - Flatlands	996	3,761	3,593	95.53	3,761	804	21.38	Yes	150 (35)	40 (97)	0.5 (95)	1.031 (97)	8.65 (51)	3	11.8 (89)	5.5 (26)	12 (65)	33.6 (60)	13 (39)	0	
36047099800	New York	Kings	Canarsie - Flatlands	998	3,588	3,321	92.56	3,588	506	14.1	Yes	110 (29)	40 (97)	0.5 (95)	1.033 (97)	8.63 (50)	3	11.4 (85)	5.5 (26)	10.7 (50)	32.9 (56)	12 (27)	0	
36047100400	New York	Kings	Canarsie - Flatlands	1004	2,677	2,558	95.55	2,677	750	28.02	Yes	64 (21)	40 (97)	0.5 (95)	1.027 (97)	8.61 (50)	3	11.6 (87)	5.5 (26)	11.1 (55)	33.9 (62)	12.5 (33)	0	
36047100600	New York	Kings	Canarsie - Flatlands	1006	2,610	2,414	92.49	2,604	890	34.18	Yes	280 (51)	40 (97)	0.5 (95)	1.019 (97)	8.61 (50)	3	11.5 (86)	5.4 (24)	11.4 (58)	31.7 (49)	12.4 (32)	0	
36047100800	New York	Kings	Canarsie - Flatlands	1008	2,250	2,007	89.2	2,240	581	25.94	Yes	660 (73)	40 (97)	0.5 (95)	1.016 (97)	8.61 (50)	3	11.1 (81)	5.4 (24)	11.4 (58)	32 (51)	12.4 (32)	0	
36047101000	New York	Kings	Canarsie - Flatlands	1010	2,284	2,199	96.28	2,255	621	27.54	Yes	750 (76)	40 (97)	0.5 (95)	1.002 (97)	8.6 (50)	3	10.5 (70)	5.3 (22)	9.5 (34)	29.7 (37)	11.3 (20)	0	
36047101200	New York	Kings	Canarsie - Flatlands	1012	2,288	2,229	97.42	2,288	604	26.4	Yes	660 (73)	40 (97)	0.5 (95)	1.018 (97)	8.62 (50)	3	11 (79)	5.5 (26)	11.6 (61)	32.5 (54)	11.8 (25)	0	
36047101400	New York	Kings	Canarsie - Flatlands	1014	2,178	2,110	96.88	2,157	499	23.13	Yes	150 (35)	40 (97)	0.5 (95)	1.014 (97)	8.61 (50)	3	11 (79)	5.5 (26)	11.6 (61)	32.8 (55)	11.8 (25)	0	
36047101600	New York	Kings	Canarsie - Flatlands	1016	1,715	1,640	95.63	1,701	83	4.88	Yes	110 (28)	40 (97)	0.5 (95)	1.014 (97)	8.61 (50)	3	11.1 (81)	5.5 (26)	10.3 (45)	31.5 (48)	11.4 (21)	0	
36047101800	New York	Kings	Canarsie - Flatlands	1018	2,295	2,251	98.08	2,295	354	15.42	Yes	280 (51)	40 (97)	0.5 (95)	1.009 (97)	8.6 (49)	3	11 (79)	5.6 (27)	10.8 (51)	31.7 (49)	11.1 (18)	0	
36047102000	New York	Kings	Canarsie - Flatlands	1020	2,217	2,137	96.39	2,172	182	8.38	Yes	220 (44)	40 (97)	0.5 (95)	0.986 (97)	8.58 (49)	3	10.8 (76)	5.8 (31)	10.7 (50)	32.9 (56)	11 (17)	0	
36047102200	New York	Kings	Canarsie - Flatlands	1022	2,171	1,998	92.03	2,171	475	21.88	Yes	650 (73)	40 (97)	0.5 (95)	0.977 (97)	8.58 (49)	3	10.6 (72)	5.2 (21)	10.7 (50)	30.7 (43)	11.7 (24)	0	
36047102400	New York	Kings	Canarsie - Flatlands	1024	2,255	2,161	95.83	2,255	378	16.76	Yes	730 (76)	40 (97)	0.5 (95)	0.981 (97)	8.58 (49)	3	10.2 (62)	5.3 (22)	9.7 (37)	29.4 (35)	10.8 (15)	0	

36047102600	New York	Kings	Canarsie - Flatlands	1026	3,023	2,914	96.39	3,017	507	16.8	Yes	280 (51)	40 (97)	0.5 (95)	1.011 (97)	8.59 (49)	3	11.3 (84)	5.4 (24)	10.7 (50)	32 (51)	11.7 (24)	0
36047102800	New York	Kings	Canarsie - Flatlands	1028	1,680	1,644	97.86	1,673	262	15.66	Yes	2,800 (95)	40 (97)	0.5 (95)	0.965 (97)	8.55 (48)	3	10.7 (74)	5 (18)	9.7 (37)	29.3 (34)	11 (17)	0
36047103400	New York	Kings	Canarsie - Flatlands	1034	4,294	4,209	98.02	4,294	2,487	57.92	Yes	1,600 (89)	40 (97)	0.5 (95)	0.96 (97)	8.53 (47)	3	13.5 (97)	5.7 (29)	15.6 (88)	34.4 (64)	17.8 (85)	1
36047105801	New York	Kings	Canarsie - Flatlands	1058	5,809	4,573	78.72	5,789	3,077	53.15	Yes	770 (77)	40 (97)	0.6 (98)	0.994 (97)	8.59 (49)	3	12.3 (92)	8.4 (87)	17.7 (94)	40.6 (87)	14.8 (59)	2
36047105804	New York	Kings	Canarsie - Flatlands	1058	6,744	5,387	79.88	6,720	3,148	46.85	Yes	810 (78)	40 (97)	0.5 (95)	1.005 (97)	8.59 (49)	3	12.2 (92)	8.5 (88)	17.1 (93)	40.9 (88)	14.4 (55)	2
36047107000	New York	Kings	Canarsie - Flatlands	1070	2,330	2,257	96.87	2,330	847	36.35	Yes	88 (25)	30 (83)	0.5 (95)	0.908 (97)	8.54 (48)	2	11.6 (87)	5.4 (24)	12.3 (68)	33.7 (61)	12 (27)	0
36047107800	New York	Kings	East New York	1078	4,662	4,594	98.54	4,658	1,366	29.33	Yes	180 (39)	40 (97)	0.6 (98)	0.997 (97)	8.61 (50)	3	11.9 (90)	6.5 (45)	15.2 (87)	38.5 (82)	12.7 (35)	1
36047109800	New York	Kings	Canarsie - Flatlands	1098	2,359	2,234	94.7	2,353	1,032	43.86	Yes	1,200 (85)	40 (97)	0.5 (95)	1.066 (97)	8.72 (53)	3	12.4 (93)	4.3 (9)	11.2 (56)	30.6 (42)	15.3 (65)	1
36047110400	New York	Kings	East New York	1104	4,407	4,353	98.77	4,370	1,735	39.7	Yes	1,900 (91)	40 (97)	0.6 (98)	1.042 (97)	8.67 (52)	3	12.8 (95)	5.3 (22)	15.4 (88)	36.3 (74)	15.9 (71)	1
36047110600	New York	Kings	East New York	1106	4,191	4,191	100	4,191	2,947	70.32	Yes	790 (77)	40 (97)	0.5 (95)	1.028 (97)	8.65 (51)	3	14.8 (99)	5 (18)	17.8 (94)	37.2 (77)	20.2 (94)	3
36047111000	New York	Kings	East New York	1110	2,986	2,853	95.55	2,986	1,853	62.06	Yes	970 (81)	40 (97)	0.5 (95)	1.013 (97)	8.65 (51)	3	14.6 (99)	5.6 (27)	19.3 (96)	40.4 (87)	19.4 (92)	3
36047111600	New York	Kings	East New York	1116	3,624	3,526	97.3	3,306	1,761	53.27	Yes	1,200 (85)	40 (97)	0.6 (98)	0.995 (97)	8.62 (50)	3	12.5 (93)	6.1 (37)	16.3 (91)	40.8 (88)	15.1 (63)	2
36047111800	New York	Kings	East New York	1118	3,639	3,505	96.32	3,583	1,873	52.27	Yes	690 (74)	40 (97)	0.5 (95)	0.999 (97)	8.64 (51)	3	12.7 (94)	4.6 (12)	14.5 (84)	35 (68)	16.5 (76)	1
36047112000	New York	Kings	East New York	1120	3,105	3,095	99.68	3,105	1,380	44.44	Yes	380 (59)	40 (97)	0.5 (95)	1.023 (97)	8.66 (51)	3	11.9 (90)	5.2 (21)	15.6 (88)	36.7 (75)	15.1 (63)	1
36047112200	New York	Kings	East New York	1122	3,168	3,143	99.21	3,134	1,467	46.81	Yes	870 (79)	40 (97)	0.5 (95)	1.038 (97)	8.68 (52)	3	12.4 (93)	5 (18)	13.1 (74)	34.8 (67)	15 (62)	1
36047112400	New York	Kings	East New York	1124	3,054	3,007	98.46	3,054	1,457	47.71	Yes	280 (51)	40 (97)	0.5 (95)	1.041 (97)	8.7 (53)	3	11.9 (90)	4.7 (14)	12.5 (69)	32.8 (55)	14.3 (54)	1
36047112600	New York	Kings	East New York	1126	3,237	3,202	98.92	3,134	1,371	43.75	Yes	940 (81)	40 (97)	0.5 (95)	1.052 (97)	8.72 (53)	3	12.5 (93)	4.6 (12)	13.4 (77)	32.8 (55)	15.9 (71)	1
36047112800	New York	Kings	East New York	1128	3,764	3,458	91.87	3,722	1,783	47.9	Yes	1,300 (87)	40 (97)	0.5 (95)	1.051 (97)	8.7 (53)	3	12 (90)	4.9 (16)	13.2 (75)	33.9 (62)	14.5 (56)	1
36047113000	New York	Kings	East New York	1130	3,699	3,655	98.81	3,699	1,542	41.69	Yes	670 (73)	40 (97)	0.5 (95)	1.053 (97)	8.74 (54)	3	13 (95)	4.6 (12)	14.4 (83)	35.1 (68)	16.8 (78)	1
36047113200	New York	Kings	East New York	1132	1,973	1,924	97.52	1,963	653	33.27	Yes	620 (71)	40 (97)	0.5 (95)	1.056 (97)	8.74 (54)	3	11.5 (86)	5.1 (19)	12.2 (67)	33.4 (59)	12.9 (37)	0
36047113400	New York	Kings	East New York	1134	3,105	3,055	98.39	3,049	2,178	71.43	Yes	240 (47)	40 (97)	0.5 (95)	1.06 (97)	8.77 (54)	3	13.9 (98)	4 (6)	14.3 (82)	32.5 (54)	20.1 (94)	2
36047114201	New York	Kings	East New York	1142	1,554	1,515	97.49	1,533	686	44.75	Yes	3,300 (96)	40 (97)	0.5 (95)	1.02 (97)	8.8 (55)	3	10.8 (76)	5.1 (19)	16.2 (90)	33 (57)	15.3 (65)	1
36047114202	New York	Kings	East New York	1142	3,011	2,900	96.31	3,011	883	29.33	Yes	1,300 (86)	40 (97)	0.5 (95)	1.009 (97)	8.77 (54)	3	10.1 (60)	4.6 (12)	11.5 (59)	27.4 (24)	13 (39)	0
36047114400	New York	Kings	East New York	1144	2,545	2,428	95.4	2,517	1,289	51.21	Yes	1,400 (88)	40 (97)	0.5 (95)	1.057 (97)	8.78 (55)	3	12.7 (94)	4.5 (11)	14.1 (81)	33.3 (58)	17.3 (82)	1
36047114600	New York	Kings	East New York	1146	2,852	2,741	96.11	2,852	1,479	51.86	Yes	1,800 (91)	40 (97)	0.5 (95)	1.016 (97)	8.77 (54)	3	10.4 (67)	4.5 (11)	12.7 (71)	28.2 (28)	14.5 (56)	0
36047115000	New York	Kings	East New York	1150	2,557	2,532	99.02	2,557	1,358	53.11	Yes	570 (69)	40 (97)	0.5 (95)	1.026 (97)	8.72 (53)	3	12.2 (92)	4.3 (9)	14.1 (81)	30.8 (43)	17.1 (80)	1
36047115200	New York	Kings	East New York	1152	3,122	2,962	94.88	3,112	1,464	47.04	Yes	790 (77)	40 (97)	0.5 (95)	1.041 (97)	8.74 (54)	3	12.4 (93)	4.6 (12)	12.8 (72)	30.9 (44)	16 (71)	1
36047115600	New York	Kings	East New York	1156	3,924	3,924	100	3,924	2,545	64.86	Yes	730 (76)	40 (97)	0.5 (95)	1.055 (97)	8.75 (54)	3	13.3 (96)	4.6 (12)	15.6 (88)	35.6 (70)	18.6 (89)	1
36047115800	New York	Kings	East New York	1158	2,878	2,825	98.16	2,877	1,314	45.67	Yes	430 (62)	40 (97)	0.5 (95)	1.052 (97)	8.73 (53)	3	11.7 (88)	5 (18)	13.5 (77)	33 (57)	14.5 (56)	0
36047116000	New York	Kings	East New York	1160	2,324	2,298	98.88	2,315	1,180	50.97	Yes	75 (23)	40 (97)	0.5 (95)	1.041 (97)	8.71 (53)	3	12.6 (94)	5 (18)	15 (86)	34.9 (67)	16.1 (72)	1



## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36047116200	New York	Kings	East New York	1162	2,429	2,429	100	2,391	1,230	51.44	Yes	34 (14)	40 (97)	0.5 (95)	1.038 (97)	8.69 (52)	3	12.6 (94)	5.4 (24)	15 (86)	37.2 (77)	15.1 (63)	1
36047116400	New York	Kings	East New York	1164	3,596	3,596	100	3,585	1,592	44.41	Yes	60 (20)	40 (97)	0.5 (95)	1.025 (97)	8.68 (52)	3	11.6 (87)	5.1 (19)	13.3 (76)	33.7 (61)	14.3 (54)	0
36047116600	New York	Kings	East New York	1166	3,128	2,999	95.88	3,117	1,155	37.05	Yes	370 (58)	40 (97)	0.5 (95)	1.012 (97)	8.69 (52)	3	10.6 (72)	4 (6)	10.8 (51)	27.7 (25)	13.8 (48)	0
36047116800	New York	Kings	East New York	1168	2,028	1,999	98.57	2,028	681	33.58	Yes	1,000 (82)	40 (97)	0.5 (95)	0.992 (97)	8.71 (53)	3	10.4 (67)	3.9 (5)	10.9 (52)	24.3 (11)	14.7 (58)	0
36047117000	New York	Kings	East New York	1170	1,791	1,779	99.33	1,791	945	52.76	Yes	1,500 (89)	40 (97)	0.5 (95)	1.008 (97)	8.73 (53)	3	10.7 (74)	4 (6)	14 (81)	28.6 (30)	16.4 (75)	0
36047117201	New York	Kings	East New York	1172	2,745	2,683	97.74	2,711	1,009	37.22	Yes	610 (71)	40 (97)	0.5 (95)	1 (97)	8.74 (54)	3	9.9 (54)	4.3 (9)	12.2 (67)	25.9 (17)	14.5 (56)	0
36047117202	New York	Kings	East New York	1172	3,756	3,579	95.29	3,683	1,149	31.2	Yes	530 (68)	40 (97)	0.5 (95)	0.988 (97)	8.73 (53)	3	9.5 (43)	4.3 (9)	10.7 (50)	24.8 (12)	12.6 (34)	0
36047117400	New York	Kings	East New York	1174	4,143	4,106	99.11	4,143	1,575	38.02	Yes	860 (79)	40 (97)	0.5 (95)	0.985 (97)	8.7 (52)	3	9.7 (49)	4.2 (8)	12.2 (67)	26.2 (18)	14.3 (54)	0
36047117601	New York	Kings	East New York	1176	3,203	3,018	94.22	3,203	1,410	44.02	Yes	700 (75)	40 (97)	0.5 (95)	0.983 (97)	8.69 (52)	3	9.5 (43)	4.3 (9)	11.1 (55)	25.3 (14)	13.5 (44)	0
36047117602	New York	Kings	East New York	1176	2,841	2,682	94.4	2,834	1,317	46.47	Yes	490 (66)	40 (97)	0.5 (95)	0.978 (97)	8.69 (52)	3	9.9 (54)	4.3 (9)	12.9 (73)	27.1 (22)	14.9 (61)	0
36047117800	New York	Kings	East New York	1178	1,694	1,675	98.88	1,656	663	40.04	Yes	1,400 (87)	40 (97)	0.5 (95)	0.966 (97)	8.66 (52)	3	10.1 (60)	4.3 (9)	13.2 (75)	26.8 (21)	15.1 (63)	0
36047118201	New York	Kings	East New York	1182	2,868	2,727	95.08	2,868	925	32.25	Yes	380 (59)	40 (97)	0.5 (95)	0.972 (97)	8.68 (52)	3	9.4 (40)	4.2 (8)	10.5 (47)	24.1 (10)	13 (39)	0
36047118202	New York	Kings	East New York	1182	3,317	3,262	98.34	3,317	1,596	48.12	Yes	260 (49)	40 (97)	0.5 (95)	0.95 (97)	8.65 (51)	3	9.3 (37)	4.1 (7)	11.4 (58)	25.2 (14)	13.3 (42)	0
36047118400	New York	Kings	East New York	1184	5,105	4,935	96.67	5,086	2,407	47.33	Yes	460 (64)	40 (97)	0.5 (95)	0.947 (97)	8.65 (51)	3	9.5 (43)	4.2 (8)	12.3 (68)	26.4 (19)	13.8 (48)	0
36047118600	New York	Kings	East New York	1186	2,960	2,839	95.91	2,944	788	26.77	Yes	710 (75)	40 (97)	0.5 (95)	0.939 (97)	8.63 (50)	3	9.7 (49)	4.3 (9)	11.8 (63)	26.8 (21)	13.9 (49)	0
36047118800	New York	Kings	East New York	1188	4,536	4,198	92.55	4,496	2,285	50.82	Yes	950 (81)	40 (97)	0.5 (95)	0.922 (97)	8.62 (50)	3	9.1 (31)	3.9 (5)	11.3 (57)	24.7 (12)	13.3 (42)	0
36047119000	New York	Kings	East New York	1190	2,220	2,175	97.97	2,214	1,187	53.61	Yes	1,600 (89)	40 (97)	0.5 (95)	0.951 (97)	8.65 (51)	3	10.9 (77)	3.6 (3)	12.7 (71)	26.9 (21)	16.7 (77)	0
36047119200	New York	Kings	East New York	1192	3,090	3,051	98.74	3,090	1,182	38.25	Yes	800 (77)	40 (97)	0.5 (95)	0.988 (97)	8.68 (52)	3	10.6 (72)	4.4 (10)	12.9 (73)	30.9 (44)	14.4 (55)	0
36047119400	New York	Kings	East New York	1194	4,892	4,730	96.69	4,871	2,897	59.47	Yes	110 (30)	40 (97)	0.5 (95)	0.993 (97)	8.66 (51)	3	12.1 (91)	4.4 (10)	14 (81)	33.6 (60)	16.3 (74)	1
36047119600	New York	Kings	East New York	1196	4,993	4,784	95.81	4,976	2,612	52.49	Yes	720 (75)	40 (97)	0.5 (95)	0.964 (97)	8.65 (51)	3	10.7 (74)	4.2 (8)	12.9 (73)	28.9 (32)	14.8 (59)	0
36047119800	New York	Kings	East New York	1198	3,671	3,456	94.14	3,426	1,715	50.06	Yes	3,000 (95)	40 (97)	0.5 (95)	1.034 (97)	8.77 (54)	3	10.6 (72)	4.9 (16)	14.3 (82)	31.3 (46)	15 (62)	0
36047120000	New York	Kings	East New York	1200	2,630	2,585	98.29	2,619	1,494	57.04	Yes	830 (78)	40 (97)	0.5 (95)	0.928 (97)	8.61 (50)	3	11.2 (82)	4.5 (11)	15.4 (88)	34.8 (67)	16 (71)	0
36047120200	New York	Kings	East New York	1202	1,933	1,892	97.88	1,933	1,128	58.35	Yes	1,600 (89)	30 (83)	0.5 (95)	0.904 (97)	8.6 (49)	2	9.5 (43)	3.8 (5)	12.6 (70)	26.7 (20)	14.4 (55)	0
36047120800	New York	Kings	East New York	1208	10,413	10,116	97.15	10,278	4,199	40.85	Yes	710 (75)	30 (83)	0.5 (95)	0.89 (97)	8.59 (49)	2	11.7 (88)	5.4 (24)	13.8 (79)	35 (68)	13.9 (49)	0
36047121000	New York	Kings	East New York	1210	4,196	4,196	100	4,196	2,843	67.76	Yes	1,100 (85)	40 (97)	0.5 (95)	0.977 (97)	8.63 (50)	3	13.1 (96)	4.9 (16)	17.1 (93)	33.5 (59)	18.4 (88)	2

36047121400	New York	Kings	East New York	1214	4,820	4,820	100	4,820	3,719	77.16	Yes	900 (80)	30 (83)	0.5 (95)	0.847 (97)	8.58 (49)	2	14 (98)	4.8 (15)	18.4 (95)	36.6 (75)	20.3 (95)	3
36047122000	New York	Kings	East New York	1220	5,945	5,895	99.16	5,945	3,284	55.24	Yes	530 (68)	30 (83)	0.5 (95)	0.819 (96)	8.56 (48)	2	12.2 (92)	4.1 (7)	11.6 (61)	29.3 (34)	15.1 (63)	1
36047123700	New York	Kings	Downtown - Heights - Slope	1237	6,966	910	13.06	6,966	4,802	68.93	Yes	2,200 (93)	40 (97)	0.6 (98)	1.266 (98)	9.09 (63)	3	11.9 (90)	2.8 (1)	7.8 (14)	20.5 (4)	21.9 (98)	2
36047152200	New York	Kings	Borough Park	1522	3,717	2,183	58.73	3,700	885	23.92	Yes	640 (73)	40 (97)	0.6 (98)	1.237 (98)	8.92 (58)	3	8.7 (21)	5.8 (31)	8.8 (25)	26.1 (18)	9.8 (7)	0
36059300300	New York	Nassau	North Hempstead	3003	4,095	1,038	25.35	4,095	1,215	29.67	Yes	130 (33)	30 (83)	0.4 (81)	0.555 (91)	8.43 (45)	1	9.7 (49)	8.1 (82)	9.8 (38)	29.3 (34)	10.7 (14)	0
36059300800	New York	Nassau	North Hempstead	3008	4,182	2,202	52.65	4,182	286	6.84	Yes	1,200 (85)	30 (83)	0.4 (81)	0.697 (95)	8.33 (42)	1	8.5 (16)	7.4 (66)	9.3 (32)	26.7 (20)	9 (3)	0
36059300900	New York	Nassau	North Hempstead	3009	8,915	4,018	45.07	8,409	558	6.64	Yes	1,800 (91)	30 (83)	0.5 (95)	0.66 (94)	8.2 (39)	2	8 (7)	11.3 (99)	10.7 (50)	34.7 (66)	7.1 (0)	1
36059301101	New York	Nassau	North Hempstead	3011	6,628	3,175	47.9	6,628	2,376	35.85	Yes	68 (21)	30 (83)	0.4 (81)	0.458 (84)	8.39 (44)	0	8.9 (26)	6.2 (39)	8.8 (25)	24.9 (13)	10.5 (12)	0
36059301300	New York	Nassau	North Hempstead	3013	4,711	2,285	48.5	4,555	938	20.59	Yes	330 (55)	30 (83)	0.4 (81)	0.452 (83)	8.3 (41)	0	9.2 (34)	7.5 (69)	9.9 (40)	27.8 (26)	10.5 (12)	0
36059301800	New York	Nassau	North Hempstead	3018	5,015	2,416	48.18	4,567	778	17.04	Yes	420 (62)	30 (83)	0.4 (81)	0.632 (94)	8.26 (40)	1	9.3 (37)	8.1 (82)	10.2 (43)	29.8 (37)	10 (9)	0
36059302200	New York	Nassau	North Hempstead	3022	3,818	1,922	50.34	3,813	797	20.9	Yes	3,100 (95)	30 (83)	0.4 (81)	0.558 (91)	8.09 (35)	1	9.8 (52)	6.9 (54)	10.3 (45)	27.7 (25)	11.1 (18)	0
36059302300	New York	Nassau	North Hempstead	3023	4,593	2,402	52.3	4,593	372	8.1	Yes	1,100 (84)	30 (83)	0.4 (81)	0.574 (92)	8.1 (36)	1	8 (7)	7.5 (69)	9.9 (40)	27.4 (24)	8.2 (1)	0
36059302700	New York	Nassau	North Hempstead	3027	4,464	2,717	60.86	4,464	609	13.64	Yes	270 (50)	30 (83)	0.4 (81)	0.684 (95)	8.14 (37)	1	8.5 (16)	7.3 (64)	10 (41)	27.5 (24)	9.5 (6)	0
36059302800	New York	Nassau	North Hempstead	3028	6,513	3,644	55.95	6,513	475	7.29	Yes	500 (66)	30 (83)	0.4 (81)	0.648 (94)	8.15 (37)	1	8.5 (16)	8 (80)	9.6 (36)	28.3 (29)	9.1 (4)	0
36059303000	New York	Nassau	North Hempstead	3030	5,790	3,656	63.14	5,790	567	9.79	Yes	550 (69)	30 (83)	0.4 (81)	0.575 (92)	8.1 (36)	1	8.4 (14)	7.2 (61)	9.4 (33)	26.9 (21)	9.4 (5)	0
36059303101	New York	Nassau	North Hempstead	3031	3,615	2,247	62.16	3,615	232	6.42	Yes	520 (67)	30 (83)	0.4 (81)	0.621 (93)	8.14 (37)	1	7.7 (4)	8.3 (85)	9.9 (40)	28.2 (28)	7.6 (0)	0
36059303102	New York	Nassau	North Hempstead	3031	4,122	2,419	58.69	4,122	379	9.19	Yes	440 (63)	30 (83)	0.4 (81)	0.576 (92)	8.09 (35)	1	7.8 (5)	7.3 (64)	9.6 (36)	27.6 (25)	8.3 (1)	0
36059303201	New York	Nassau	North Hempstead	3032	3,862	2,541	65.79	3,862	330	8.54	Yes	640 (72)	30 (83)	0.4 (81)	0.559 (91)	8.06 (34)	1	8.2 (10)	7.2 (61)	10.3 (45)	28.5 (30)	8.8 (3)	0
36059303202	New York	Nassau	North Hempstead	3032	4,473	2,858	63.89	4,473	811	18.13	Yes	590 (71)	30 (83)	0.4 (81)	0.534 (89)	8.06 (35)	0	8.8 (23)	7.5 (69)	10.6 (49)	30 (39)	10.4 (11)	0
36059303600	New York	Nassau	North Hempstead	3036	7,297	3,253	44.58	7,255	713	9.83	Yes	790 (77)	30 (83)	0.4 (81)	0.584 (92)	8.01 (33)	1	9 (28)	6.3 (41)	7.6 (13)	23.9 (10)	10.8 (15)	0
36059303800	New York	Nassau	North Hempstead	3038	5,131	1,693	33	5,131	1,443	28.12	Yes	2,200 (93)	30 (83)	0.4 (81)	0.624 (93)	7.94 (31)	1	10.1 (60)	7.4 (66)	10.1 (42)	28.8 (31)	12.6 (34)	0
36059303900	New York	Nassau	North Hempstead	3039	3,994	2,613	65.42	3,994	504	12.62	Yes	2,800 (95)	30 (83)	0.4 (81)	0.562 (91)	7.91 (31)	1	10.3 (65)	7 (56)	11 (54)	32.6 (54)	10.5 (12)	0
36059304002	New York	Nassau	North Hempstead	3040	4,528	2,303	50.86	4,504	786	17.45	Yes	1,200 (85)	30 (83)	0.4 (81)	0.578 (92)	7.89 (30)	1	9.8 (52)	7.7 (73)	10.1 (42)	29 (33)	12 (27)	0
36059304100	New York	Nassau	North Hempstead	3041	4,504	3,938	87.43	4,504	1,674	37.17	Yes	1,600 (89)	30 (83)	0.4 (81)	0.507 (88)	7.88 (30)	0	10.3 (65)	5 (18)	11.1 (55)	28.4 (29)	12.8 (36)	0
36059304202	New York	Nassau	North Hempstead	3042	3,725	3,126	83.92	3,705	773	20.86	Yes	800 (78)	30 (83)	0.4 (81)	0.492 (87)	7.83 (29)	0	9.4 (40)	5.8 (31)	10.5 (47)	27.3 (23)	11.5 (22)	0
36059304203	New York	Nassau	North Hempstead	3042	6,326	6,130	96.9	6,122	2,547	41.6	Yes	810 (78)	30 (83)	0.4 (81)	0.504 (87)	7.84 (29)	0	11.7 (88)	4.5 (11)	11.9 (64)	29.3 (34)	14.5 (56)	0
36059304204	New York	Nassau	North Hempstead	3042	4,816	4,593	95.37	4,753	2,260	47.55	Yes	360 (57)	30 (83)	0.4 (81)	0.489 (86)	7.86 (29)	0	11.4 (85)	4.4 (10)	12.7 (71)	29.2 (34)	15.4 (66)	0
36059404300	New York	Nassau	Hempstead	4043	3,299	1,815	55.02	3,299	447	13.55	Yes	2,300 (93)	30 (83)	0.5 (95)	0.746 (96)	8.18 (38)	2	8.9 (26)	6 (35)	8.4 (21)	24.1 (10)	10.2 (10)	0
36059404800	New York	Nassau	Hempstead	4048	6,065	4,900	80.79	5,984	839	14.02	Yes	300 (52)	30 (83)	0.4 (81)	0.639 (94)	8.11 (36)	1	9.9 (54)	5.4 (24)	10.3 (45)	28.9 (32)	11.5 (22)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36059404901	New York	Nassau	Hempstead	4049	5,238	4,933	94.18	5,178	448	8.65	Yes	1,200 (85)	30 (83)	0.4 (81)	0.687 (95)	8.11 (36)	1	11 (79)	6 (35)	11.8 (63)	33.5 (59)	11.2 (19)	0	
36059404902	New York	Nassau	Hempstead	4049	5,312	4,923	92.68	5,266	1,257	23.87	Yes	310 (53)	30 (83)	0.4 (81)	0.674 (94)	8.1 (35)	1	11.4 (85)	5.7 (29)	13.3 (76)	33.7 (61)	13.7 (47)	0	
36059405000	New York	Nassau	Hempstead	4050	5,670	4,786	84.41	5,670	1,242	21.9	Yes	320 (54)	30 (83)	0.4 (81)	0.638 (94)	8.05 (34)	1	10.3 (65)	5.5 (26)	10.9 (52)	29.1 (33)	12.6 (34)	0	
36059405100	New York	Nassau	Hempstead	4051	8,730	7,692	88.11	8,695	930	10.7	Yes	220 (44)	30 (83)	0.4 (81)	0.612 (93)	8.03 (34)	1	10.4 (67)	6 (35)	10.1 (42)	30.5 (42)	10.6 (13)	0	
36059405200	New York	Nassau	Hempstead	4052	6,808	5,339	78.42	6,808	1,895	27.83	Yes	370 (59)	30 (83)	0.4 (81)	0.585 (92)	8.02 (33)	1	10.2 (62)	5.9 (33)	10.3 (45)	27.8 (26)	12.3 (30)	0	
36059405400	New York	Nassau	Hempstead	4054	9,031	5,180	57.36	9,003	1,715	19.05	Yes	440 (63)	30 (83)	0.4 (81)	0.565 (91)	8 (33)	1	9.9 (54)	7.6 (71)	10.1 (42)	29.6 (36)	12 (27)	0	
36059406201	New York	Nassau	Hempstead	4062	3,212	2,232	69.49	3,212	423	13.17	Yes	1,600 (90)	30 (83)	0.4 (81)	0.551 (90)	7.86 (30)	1	10 (57)	6.2 (39)	9.5 (34)	28.6 (30)	11.5 (22)	0	
36059406202	New York	Nassau	Hempstead	4062	6,131	5,970	97.37	6,078	1,066	17.54	Yes	1,200 (86)	30 (83)	0.4 (81)	0.547 (90)	7.82 (29)	1	11.6 (87)	6 (35)	12.2 (67)	35.6 (70)	11.7 (24)	0	
36059406701	New York	Nassau	Hempstead	4067	2,859	2,456	85.9	2,859	989	34.59	Yes	1,300 (87)	30 (83)	0.4 (81)	0.532 (89)	7.87 (30)	0	10.8 (76)	4.4 (10)	11.6 (61)	28.8 (31)	14.3 (54)	0	
36059406702	New York	Nassau	Hempstead	4067	4,424	3,618	81.78	4,424	2,270	51.31	Yes	570 (69)	30 (83)	0.4 (81)	0.53 (89)	7.92 (31)	0	12.8 (95)	5.2 (21)	13.9 (80)	32.7 (55)	17.1 (80)	1	
36059406801	New York	Nassau	Hempstead	4068	4,855	4,642	95.61	4,837	2,103	43.48	Yes	1,600 (89)	30 (83)	0.4 (81)	0.525 (89)	7.89 (30)	0	11.2 (82)	4.1 (7)	12.1 (66)	28 (27)	15.3 (65)	0	
36059406802	New York	Nassau	Hempstead	4068	4,823	4,770	98.9	4,761	1,988	41.76	Yes	1,600 (89)	30 (83)	0.4 (81)	0.523 (89)	7.89 (30)	0	12.1 (91)	3.9 (5)	13.7 (79)	29.7 (37)	17.4 (82)	1	
36059406900	New York	Nassau	Hempstead	4069	7,205	6,878	95.46	7,127	3,081	43.23	Yes	560 (69)	30 (83)	0.4 (81)	0.52 (88)	7.87 (30)	0	11.8 (89)	4.6 (12)	13.3 (76)	32.9 (56)	15.3 (65)	0	
36059407000	New York	Nassau	Hempstead	4070	7,913	7,735	97.75	7,642	4,205	55.02	Yes	1,500 (88)	30 (83)	0.4 (81)	0.533 (89)	7.84 (29)	0	12.5 (93)	6.2 (39)	15.8 (89)	37.8 (80)	14.8 (59)	1	
36059407101	New York	Nassau	Hempstead	4071	5,073	4,732	93.28	4,897	1,176	24.01	Yes	1,300 (86)	30 (83)	0.4 (81)	0.527 (89)	7.81 (28)	0	11.8 (89)	5.6 (27)	14 (81)	34.8 (67)	14.1 (52)	0	
36059407102	New York	Nassau	Hempstead	4071	6,819	6,584	96.55	6,819	726	10.65	Yes	930 (81)	30 (83)	0.4 (81)	0.515 (88)	7.79 (28)	0	11 (79)	5.4 (24)	11.5 (59)	31.8 (49)	12.2 (29)	0	
36059407201	New York	Nassau	Hempstead	4072	5,527	5,489	99.31	5,490	2,985	54.37	Yes	1,500 (88)	30 (83)	0.4 (81)	0.522 (89)	7.85 (29)	0	12.3 (92)	3.9 (5)	12.8 (72)	28.8 (31)	17.5 (83)	1	
36059407203	New York	Nassau	Hempstead	4072	3,241	3,128	96.51	3,211	955	29.74	Yes	680 (74)	30 (83)	0.4 (81)	0.52 (88)	7.83 (29)	0	11.6 (87)	5.3 (22)	12.6 (70)	31.3 (46)	13.7 (47)	0	
36059407204	New York	Nassau	Hempstead	4072	2,561	2,299	89.77	2,323	440	18.94	Yes	440 (63)	30 (83)	0.4 (81)	0.527 (89)	7.83 (29)	0	11.5 (86)	5.9 (33)	12.8 (72)	34.2 (63)	13.5 (44)	0	
36059407302	New York	Nassau	Hempstead	4073	4,795	4,352	90.76	4,740	1,465	30.91	Yes	830 (78)	30 (83)	0.4 (81)	0.533 (89)	7.8 (28)	0	11 (79)	5.1 (19)	11.5 (59)	30.1 (39)	13.6 (46)	0	
36059407401	New York	Nassau	Hempstead	4074	5,955	5,272	88.53	5,891	2,058	34.93	Yes	400 (60)	30 (83)	0.4 (81)	0.528 (89)	7.79 (28)	0	12.4 (93)	5.2 (21)	13.8 (79)	31.6 (48)	16 (71)	1	
36059407402	New York	Nassau	Hempstead	4074	3,694	3,372	91.28	3,156	774	24.52	Yes	620 (72)	30 (83)	0.4 (81)	0.522 (89)	7.75 (27)	0	10.6 (72)	7.3 (64)	13.9 (80)	36.4 (74)	11.9 (26)	0	
36059407501	New York	Nassau	Hempstead	4075	5,006	4,801	95.9	4,921	1,758	35.72	Yes	1,400 (87)	30 (83)	0.4 (81)	0.506 (88)	7.76 (27)	0	11.7 (88)	4.9 (16)	13.2 (75)	31.2 (46)	14.7 (58)	0	
36059407502	New York	Nassau	Hempstead	4075	5,327	5,057	94.93	5,223	1,553	29.73	Yes	1,300 (86)	30 (83)	0.4 (81)	0.506 (88)	7.74 (26)	0	11.1 (81)	5.7 (29)	12.1 (66)	32.4 (53)	12.4 (32)	0	
36059407802	New York	Nassau	Hempstead	4078	1,727	1,045	60.51	487	134	27.52	Yes	320 (54)	30 (83)	0.4 (81)	0.471 (85)	7.75 (27)	0	9.4 (40)	5.5 (26)	8.8 (25)	27.6 (25)	13.5 (44)	0	

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## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

36059409800	New York	Nassau	Hempstead	4098	5,718	5,400	94.44	5,689	970	17.05	Yes	3,000 (95)	30 (83)	0.4 (81)	0.646 (94)	8.05 (34)	1	10.9 (77)	5.9 (33)	11.8 (63)	32.6 (54)	11.1 (18)	0
36059409900	New York	Nassau	Hempstead	4099	8,617	7,438	86.32	8,586	1,298	15.12	Yes	2,100 (92)	30 (83)	0.4 (81)	0.624 (93)	8.02 (33)	1	10.1 (60)	6.2 (39)	10.4 (46)	30 (39)	10.9 (16)	0
36059410000	New York	Nassau	Hempstead	4100	4,326	2,988	69.07	4,262	313	7.34	Yes	2,400 (93)	30 (83)	0.4 (81)	0.565 (91)	7.95 (32)	1	9.6 (46)	7.9 (78)	10.6 (49)	30.7 (43)	10.4 (11)	0
36059410300	New York	Nassau	Hempstead	4103	6,756	5,508	81.53	6,756	692	10.24	Yes	420 (62)	30 (83)	0.4 (81)	0.609 (93)	8.01 (33)	1	9.8 (52)	6 (35)	10 (41)	28.7 (31)	11.2 (19)	0
36059410400	New York	Nassau	Hempstead	4104	4,606	3,780	82.07	4,564	626	13.72	Yes	650 (73)	30 (83)	0.4 (81)	0.595 (92)	7.99 (33)	1	9.8 (52)	5.9 (33)	9.9 (40)	27.8 (26)	11 (17)	0
36059410500	New York	Nassau	Hempstead	4105	7,306	5,549	75.95	7,306	1,286	17.6	Yes	570 (70)	30 (83)	0.4 (81)	0.569 (91)	7.93 (31)	1	9.2 (34)	6.8 (52)	9.3 (32)	27.1 (22)	10.4 (11)	0
36059410600	New York	Nassau	Hempstead	4106	7,489	5,376	71.79	7,447	1,418	19.04	Yes	280 (50)	30 (83)	0.4 (81)	0.553 (90)	7.91 (31)	1	9.7 (49)	7.3 (64)	9.7 (37)	27.8 (26)	11.1 (18)	0
36059410700	New York	Nassau	Hempstead	4107	6,755	4,146	61.38	6,755	876	12.97	Yes	500 (67)	30 (83)	0.4 (81)	0.534 (89)	7.86 (29)	0	9.6 (46)	7.2 (61)	8.7 (24)	26.7 (20)	11.2 (19)	0
36059410800	New York	Nassau	Hempstead	4108	4,665	2,545	54.56	4,657	415	8.91	Yes	480 (65)	30 (83)	0.4 (81)	0.551 (90)	7.89 (30)	1	9.3 (37)	7.2 (61)	9 (28)	27 (22)	10.5 (12)	0
36059410900	New York	Nassau	Hempstead	4109	6,775	4,642	68.52	6,769	1,460	21.57	Yes	190 (41)	30 (83)	0.4 (81)	0.579 (92)	7.95 (32)	1	9.2 (34)	7.4 (66)	9.6 (36)	29.2 (34)	9.6 (6)	0
36059411000	New York	Nassau	Hempstead	4110	5,579	3,449	61.82	5,565	1,686	30.3	Yes	410 (61)	30 (83)	0.4 (81)	0.512 (88)	7.92 (31)	0	10.5 (70)	5.8 (31)	11 (54)	27.9 (26)	13.7 (47)	0
36059411100	New York	Nassau	Hempstead	4111	4,377	3,508	80.15	4,377	1,854	42.36	Yes	400 (60)	30 (83)	0.4 (81)	0.494 (87)	7.88 (30)	0	11.9 (90)	6.1 (37)	14.1 (81)	34.3 (64)	15.4 (66)	1
36059412800	New York	Nassau	Hempstead	4128	3,184	1,481	46.51	3,161	269	8.51	Yes	1,600 (89)	30 (83)	0.4 (81)	0.53 (89)	7.77 (27)	0	9.2 (34)	6.9 (54)	7.9 (15)	25.9 (17)	9.7 (7)	0
36059412900	New York	Nassau	Hempstead	4129	6,113	5,228	85.52	6,101	740	12.13	Yes	790 (77)	30 (83)	0.4 (81)	0.485 (86)	7.73 (26)	0	10.4 (67)	6.3 (41)	10.5 (47)	31.9 (50)	10.5 (12)	0
36059413500	New York	Nassau	Hempstead	4135	7,566	5,023	66.39	7,566	1,093	14.45	Yes	380 (59)	30 (83)	0.4 (81)	0.47 (85)	7.69 (25)	0	10.2 (62)	6.7 (49)	9.6 (36)	29.1 (33)	11 (17)	0
36059413600	New York	Nassau	Hempstead	4136	5,901	3,116	52.8	5,901	893	15.13	Yes	1,100 (83)	30 (83)	0.3 (47)	0.428 (81)	7.65 (24)	0	10.3 (65)	6.3 (41)	9.9 (40)	28.4 (29)	12.3 (30)	0
36059413700	New York	Nassau	Hempstead	4137	5,147	2,700	52.46	5,107	987	19.33	Yes	300 (52)	30 (83)	0.3 (47)	0.39 (77)	7.6 (23)	0	10.3 (65)	7.1 (59)	10.1 (42)	28.1 (27)	12.4 (32)	0
36059413803	New York	Nassau	Hempstead	4138	3,948	2,640	66.87	3,938	287	7.29	Yes	160 (37)	30 (83)	0.3 (47)	0.369 (74)	7.54 (22)	0	9.9 (54)	7.3 (64)	10 (41)	29.8 (37)	10.9 (16)	0
36059413804	New York	Nassau	Hempstead	4138	3,675	1,809	49.22	3,645	433	11.88	Yes	74 (23)	20 (32)	0.3 (47)	0.362 (73)	7.51 (21)	0	9.7 (49)	7.1 (59)	8.6 (23)	27.5 (24)	10.2 (10)	0
36059413900	New York	Nassau	Hempstead	4139	7,480	7,392	98.82	7,435	1,793	24.12	Yes	880 (79)	30 (83)	0.4 (81)	0.463 (84)	7.69 (25)	0	11.9 (90)	4.9 (16)	12.7 (71)	32.4 (53)	14.2 (53)	1
36059414001	New York	Nassau	Hempstead	4140	4,219	4,105	97.3	4,185	906	21.65	Yes	650 (73)	30 (83)	0.4 (81)	0.47 (85)	7.68 (25)	0	11.9 (90)	5.7 (29)	13.4 (77)	35.8 (71)	13 (39)	1
36059414002	New York	Nassau	Hempstead	4140	5,200	5,170	99.42	5,186	1,220	23.52	Yes	270 (50)	30 (83)	0.3 (47)	0.451 (83)	7.62 (24)	0	12 (90)	4.7 (14)	12.8 (72)	32.5 (54)	14.4 (55)	1
36059414100	New York	Nassau	Hempstead	4141	6,818	6,238	91.49	6,791	1,087	16.01	Yes	170 (39)	30 (83)	0.4 (81)	0.451 (83)	7.64 (24)	0	11.5 (86)	5.8 (31)	13.4 (77)	34.2 (63)	12.9 (37)	0
36059414201	New York	Nassau	Hempstead	4142	5,180	4,119	79.52	5,180	998	19.27	Yes	590 (71)	30 (83)	0.3 (47)	0.434 (82)	7.62 (24)	0	10.6 (72)	5.5 (26)	11.8 (63)	29.1 (33)	12.9 (37)	0
36059414202	New York	Nassau	Hempstead	4142	4,110	3,789	92.19	4,110	1,184	28.81	Yes	440 (63)	30 (83)	0.3 (47)	0.435 (82)	7.61 (23)	0	11.6 (87)	4.8 (15)	13.3 (76)	32 (51)	14.8 (59)	0
36059414301	New York	Nassau	Hempstead	4143	4,123	3,307	80.21	3,871	1,210	31.26	Yes	1,000 (82)	30 (83)	0.3 (47)	0.409 (79)	7.6 (23)	0	10.2 (62)	6.7 (49)	12.1 (66)	31.7 (49)	12.5 (33)	0
36059414303	New York	Nassau	Hempstead	4143	4,862	3,261	67.07	4,765	1,102	23.13	Yes	380 (59)	30 (83)	0.3 (47)	0.382 (76)	7.56 (22)	0	10.7 (74)	6.5 (45)	11.8 (63)	30.4 (41)	13.2 (41)	0
36059414304	New York	Nassau	Hempstead	4143	3,444	2,635	76.51	3,435	1,528	44.48	Yes	680 (74)	30 (83)	0.3 (47)	0.39 (77)	7.54 (22)	0	10.9 (77)	5.4 (24)	13.9 (80)	29.3 (34)	14.7 (58)	0
36059414400	New York	Nassau	Hempstead	4144	5,002	4,511	90.18	5,002	1,887	37.72	Yes	860 (79)	30 (83)	0.3 (47)	0.426 (81)	7.54 (22)	0	11 (79)	4.9 (16)	12.2 (67)	31 (45)	14.1 (52)	0
36059414501	New York	Nassau	Hempstead	4145	5,445	2,805	51.52	5,445	508	9.33	Yes	120 (31)	20 (32)	0.3 (47)	0.358 (72)	7.52 (21)	0	9.9 (54)	7 (56)	9.7 (37)	28.7 (31)	10.8 (15)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36059414502	New York	Nassau	Hempstead	4145	4,094	1,810	44.21	4,094	538	13.14	Yes	140 (35)	20 (32)	0.3 (47)	0.386 (76)	7.49 (20)	0	9.8 (52)	7.3 (64)	9.2 (31)	28.7 (31)	11 (17)	0	
36059416202	New York	Nassau	Hempstead	4162	4,835	2,177	45.03	4,670	1,005	21.52	Yes	250 (48)	20 (32)	0.3 (47)	0.367 (74)	7.56 (22)	0	9.6 (46)	6.7 (49)	8.9 (27)	26.9 (21)	11.9 (26)	0	
36059416500	New York	Nassau	Long Beach	4165	6,139	3,788	61.7	5,918	1,872	31.63	Yes	140 (33)	20 (32)	0.3 (47)	0.366 (73)	7.53 (21)	0	10.4 (67)	6.5 (45)	11.2 (56)	29.5 (36)	12.4 (32)	0	
36059517200	New York	Nassau	Glen Cove	5172	7,715	5,037	65.29	7,715	3,168	41.06	Yes	610 (71)	30 (83)	0.3 (47)	0.358 (72)	8.15 (37)	0	10.8 (76)	6 (35)	11.5 (59)	28 (27)	14.5 (56)	0	
36059517302	New York	Nassau	Glen Cove	5173	5,257	1,958	37.25	5,235	1,424	27.2	Yes	180 (40)	30 (83)	0.3 (47)	0.332 (68)	8.08 (35)	0	10 (57)	7.7 (73)	10.3 (45)	29.5 (36)	12.5 (33)	0	
36059518502	New York	Nassau	Oyster Bay	5185	2,830	1,549	54.74	2,830	413	14.59	Yes	2,100 (92)	30 (83)	0.3 (47)	0.457 (84)	7.8 (28)	0	8.5 (16)	6.8 (52)	9 (28)	26 (17)	9.4 (5)	0	
36059518900	New York	Nassau	Oyster Bay	5189	6,850	4,134	60.35	6,850	842	12.29	Yes	740 (76)	30 (83)	0.4 (81)	0.487 (86)	7.79 (28)	0	8.8 (23)	6.5 (45)	9.2 (31)	26.5 (19)	10.3 (11)	0	
36059519000	New York	Nassau	Oyster Bay	5190	6,876	3,259	47.4	6,876	812	11.81	Yes	980 (82)	30 (83)	0.4 (81)	0.472 (85)	7.77 (27)	0	9.2 (34)	6.9 (54)	9.1 (29)	26.4 (19)	11.1 (18)	0	
36059519100	New York	Nassau	Oyster Bay	5191	5,781	2,628	45.46	5,743	1,556	27.09	Yes	350 (57)	30 (83)	0.3 (47)	0.467 (85)	7.73 (26)	0	9.6 (46)	7.4 (66)	9.8 (38)	27.4 (24)	11.7 (24)	0	
36059519200	New York	Nassau	Oyster Bay	5192	6,395	2,979	46.58	6,395	764	11.95	Yes	470 (64)	30 (83)	0.3 (47)	0.453 (83)	7.71 (26)	0	9.1 (31)	7.3 (64)	9.5 (34)	27.6 (25)	10.8 (15)	0	
36059519300	New York	Nassau	Oyster Bay	5193	6,035	3,156	52.29	6,017	911	15.14	Yes	780 (77)	30 (83)	0.3 (47)	0.438 (82)	7.74 (26)	0	8.9 (26)	6.1 (37)	9.1 (29)	25.6 (15)	10.9 (16)	0	
36059522000	New York	Nassau	Oyster Bay	5220	5,812	3,165	54.46	5,812	696	11.98	Yes	430 (62)	30 (83)	0.3 (47)	0.387 (76)	7.35 (18)	0	10.1 (60)	7.1 (59)	10.7 (50)	31.6 (48)	11.3 (20)	0	
36059981100	New York	Nassau	Oyster Bay	9811	1,053	476	45.2	9	0	0	Yes	280 (51)	20 (32)	0.3 (47)	0.364 (73)	7.98 (33)	0	11.1 (81)	0.8 (0)	1 (0)	6 (0)	15.5 (67)	0	
36059982100	New York	Nassau	Oyster Bay	9821	1,290	702	54.42	23	0	0	Yes	4.8 (3)	30 (83)	0.3 (47)	0.463 (84)	7.9 (31)	0	11.4 (85)	0.8 (0)	1.2 (0)	7.1 (0)	15.4 (66)	0	
36061000201	New York	New York	Union Square - Lower East Side	2.01	2,750	2,462	89.53	2,750	1,860	67.64	Yes	2,200 (93)	40 (97)	0.6 (98)	1.424 (99)	9.19 (66)	3	10.7 (74)	5.3 (22)	17.5 (94)	33.5 (59)	16 (71)	1	
36061000202	New York	New York	Union Square - Lower East Side	2.02	7,773	6,230	80.15	7,771	3,736	48.08	Yes	2,800 (95)	40 (97)	0.6 (98)	1.406 (99)	9.18 (66)	3	10.7 (74)	7.1 (59)	16.1 (90)	34 (62)	13.9 (49)	1	
36061000600	New York	New York	Union Square - Lower East Side	6	9,838	9,378	95.32	9,692	6,978	72	Yes	2,400 (93)	40 (97)	0.6 (98)	1.43 (99)	9.19 (66)	3	10.7 (74)	5.7 (29)	21.8 (98)	35.7 (71)	16.6 (77)	1	
36061000800	New York	New York	Union Square - Lower East Side	8	9,315	8,633	92.68	9,315	5,506	59.11	Yes	3,500 (96)	40 (97)	0.6 (98)	1.453 (99)	9.2 (67)	3	9.2 (34)	5 (18)	18.1 (95)	31.4 (47)	14.3 (54)	1	
36061001002	New York	New York	Union Square - Lower East Side	10.02	5,157	5,063	98.18	5,148	3,350	65.07	Yes	2,600 (94)	40 (97)	0.6 (98)	1.4 (99)	9.19 (66)	3	12 (90)	5.9 (33)	19.5 (96)	34.3 (64)	17.5 (83)	2	



36061001200	New York	New York	Union Square - Lower East Side	12	4,168	2,112	50.67	4,112	1,220	29.67	Yes	3,200 (96)	40 (97)	0.6 (98)	1,406 (99)	9.19 (66)	3	9.6 (46)	7.7 (73)	11.6 (61)	29.8 (37)	12 (27)	0
36061001402	New York	New York	Union Square - Lower East Side	14.02	2,941	2,116	71.95	2,941	1,691	57.5	Yes	3,400 (96)	40 (97)	0.6 (98)	1,426 (99)	9.2 (66)	3	9.5 (43)	5.3 (22)	12.3 (68)	27.3 (23)	13.6 (46)	0
36061001600	New York	New York	Union Square - Lower East Side	16	6,968	5,804	83.3	6,949	3,578	51.49	Yes	2,600 (94)	40 (97)	0.6 (98)	1,447 (99)	9.2 (67)	3	8 (7)	4.8 (15)	14.4 (83)	28.8 (31)	11 (17)	0
36061001800	New York	New York	Union Square - Lower East Side	18	6,788	4,835	71.23	6,420	2,882	44.89	Yes	3,200 (96)	40 (97)	0.6 (98)	1,444 (99)	9.21 (67)	3	8.9 (26)	4.2 (8)	11.6 (61)	24.2 (11)	13 (39)	0
36061002000	New York	New York	Union Square - Lower East Side	20	4,586	4,489	97.88	4,586	3,594	78.37	Yes	2,400 (94)	40 (97)	0.6 (98)	1,409 (99)	9.19 (66)	3	11.9 (90)	5.6 (27)	19.6 (97)	35.2 (69)	17.8 (85)	2
36061002201	New York	New York	Union Square - Lower East Side	22.01	6,565	5,180	78.9	6,537	3,216	49.2	Yes	2,300 (93)	40 (97)	0.6 (98)	1,415 (99)	9.19 (66)	3	10.3 (65)	5.3 (22)	14.1 (81)	29.1 (33)	14.5 (56)	0
36061002202	New York	New York	Union Square - Lower East Side	22.02	2,099	799	38.07	2,099	666	31.73	Yes	1,500 (88)	40 (97)	0.6 (98)	1,416 (99)	9.2 (67)	3	9.5 (43)	3.8 (5)	6.3 (5)	18.2 (2)	12.2 (29)	0
36061002400	New York	New York	Union Square - Lower East Side	24	4,192	4,149	98.97	4,192	3,143	74.98	Yes	2,800 (95)	40 (97)	0.6 (98)	1.4 (99)	9.19 (66)	3	12.7 (94)	5.7 (29)	19.4 (96)	35.6 (70)	19.1 (91)	3
36061002500	New York	New York	Lower Manhattan	25	5,483	5,389	98.29	5,470	3,773	68.98	Yes	5,000 (98)	40 (97)	0.6 (98)	1,463 (99)	9.2 (66)	3	11.8 (89)	6.3 (41)	24.1 (99)	40.3 (87)	17.6 (84)	1
36061002601	New York	New York	Union Square - Lower East Side	26.01	3,488	2,614	74.94	3,465	1,777	51.28	Yes	1,300 (86)	40 (97)	0.6 (98)	1,418 (99)	9.2 (67)	3	10.5 (70)	4.2 (8)	10.5 (47)	23.9 (10)	14.8 (59)	0
36061002602	New York	New York	Union Square - Lower East Side	26.02	3,946	1,634	41.41	3,917	1,226	31.3	Yes	950 (81)	40 (97)	0.6 (98)	1,419 (99)	9.2 (67)	3	9.3 (37)	4.5 (11)	7.3 (10)	19.6 (3)	11.5 (22)	0
36061002700	New York	New York	Lower Manhattan	27	1,341	1,116	83.22	1,337	545	40.76	Yes	3,100 (95)	40 (97)	0.6 (98)	1,453 (99)	9.21 (67)	3	7.6 (3)	6.7 (49)	13.9 (80)	29.1 (33)	9.4 (5)	0
36061002800	New York	New York	Union Square - Lower East Side	28	6,765	4,531	66.98	6,742	2,951	43.77	Yes	900 (80)	40 (97)	0.6 (98)	1,426 (99)	9.21 (67)	3	10.3 (65)	5.2 (21)	10.2 (43)	26 (17)	13.4 (43)	0
36061002900	New York	New York	Lower Manhattan	29	5,924	5,010	84.57	4,461	2,194	49.18	Yes	1,700 (90)	40 (97)	0.5 (95)	1,446 (99)	9.21 (67)	3	8.8 (23)	5 (18)	16.9 (92)	32.2 (52)	13.2 (41)	1
36061003002	New York	New York	Union Square - Lower East Side	30.02	2,939	1,331	45.29	2,939	1,079	36.71	Yes	1,700 (90)	40 (97)	0.6 (98)	1,438 (99)	9.21 (67)	3	9.8 (52)	5.7 (29)	8.6 (23)	22.9 (7)	12.5 (33)	0
36061003400	New York	New York	Union Square - Lower East Side	34	6,569	2,675	40.72	6,569	2,428	36.96	Yes	880 (80)	40 (97)	0.6 (98)	1,464 (99)	9.21 (67)	3	10.2 (62)	3.8 (5)	5.8 (4)	17 (2)	14.3 (54)	0

## Central Business District (CBD) Tolling Program: Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36061003601	New York	New York	Union Square - Lower East Side	36.01	3,132	2,416	77.14	3,132	1,272	40.61	Yes	2,300 (93)	40 (97)	0.6 (98)	1,449 (99)	9.22 (67)	3	9.8 (52)	4.5 (11)	10.5 (47)	24.5 (12)	14.1 (52)	0	
36061003602	New York	New York	Union Square - Lower East Side	36.02	3,212	1,216	37.86	2,903	995	34.27	Yes	2,100 (92)	40 (97)	0.6 (98)	1,452 (99)	9.23 (67)	3	9.6 (46)	3.9 (5)	6.1 (4)	19.4 (3)	12.7 (35)	0	
36061004100	New York	New York	Greenwich Village - Soho	41	7,997	5,276	65.97	7,621	2,233	29.3	Yes	1,800 (90)	40 (97)	0.6 (98)	1,444 (99)	9.22 (67)	3	8.7 (21)	4.8 (15)	11.2 (56)	24.3 (11)	12.1 (28)	0	
36061006200	New York	New York	Gramercy Park - Murray Hill	62	4,444	2,570	57.83	3,618	1,062	29.35	Yes	2,800 (95)	50 (99)	0.8 (99)	1,787 (99)	9.22 (67)	3	9.8 (52)	4.5 (11)	8 (16)	21.6 (5)	13 (39)	0	
36061008300	New York	New York	Chelsea - Clinton	83	3,686	2,004	54.37	3,686	1,049	28.46	Yes	1,700 (90)	40 (97)	0.6 (98)	1,539 (99)	9.25 (68)	3	9.7 (49)	4.9 (16)	8.1 (17)	22 (6)	12.4 (32)	0	
36061009700	New York	New York	Chelsea - Clinton	97	4,968	2,593	52.19	4,945	1,473	29.79	Yes	1,800 (91)	40 (97)	0.6 (98)	1,534 (99)	9.27 (69)	3	9.6 (46)	8.3 (85)	11.5 (59)	32.1 (51)	10.8 (15)	0	
36061010100	New York	New York	Chelsea - Clinton	101	1,373	811	59.07	1,373	365	26.58	Yes	1,100 (83)	40 (97)	0.6 (98)	1,523 (99)	9.26 (68)	3	8.2 (10)	4.1 (7)	6 (4)	19 (3)	9.6 (6)	0	
36061010200	New York	New York	Gramercy Park - Murray Hill	102	122	55	45.08	122	43	35.25	Yes	1,400 (87)	40 (97)	0.7 (99)	1,745 (99)	9.24 (68)	3	8.4 (14)	7.4 (66)	7.2 (10)	23.9 (10)	8.6 (2)	0	
36061011300	New York	New York	Chelsea - Clinton	113	98	83	84.69	98	52	53.06	Yes	1,200 (86)	30 (83)	0.5 (95)	1,515 (99)	9.26 (68)	2	9.1 (31)	2.6 (1)	5.8 (4)	16 (1)	14 (50)	0	
36061011500	New York	New York	Chelsea - Clinton	115	3,663	2,460	67.16	3,663	1,021	27.87	Yes	3,200 (96)	40 (97)	0.6 (98)	1,551 (99)	9.27 (69)	3	8.6 (18)	3.4 (3)	5.4 (3)	16.3 (1)	11.3 (20)	0	
36061011900	New York	New York	Chelsea - Clinton	119	1,071	714	66.67	1,071	760	70.96	Yes	1,200 (85)	40 (97)	0.6 (98)	1,508 (99)	9.26 (68)	3	11.5 (86)	8.4 (87)	21.3 (98)	47.5 (97)	14.6 (57)	2	
36061012100	New York	New York	Chelsea - Clinton	121	7,763	3,134	40.37	7,746	2,208	28.51	Yes	2,100 (92)	40 (97)	0.6 (98)	1.54 (99)	9.27 (69)	3	9.3 (37)	6.3 (41)	8 (16)	23.3 (8)	11 (17)	0	
36061012900	New York	New York	Chelsea - Clinton	129	8,351	3,782	45.29	8,351	2,290	27.42	Yes	2,400 (93)	40 (97)	0.6 (98)	1,657 (99)	9.27 (69)	3	8.3 (12)	3.9 (5)	4.9 (2)	16.5 (1)	10.1 (9)	0	
36061013300	New York	New York	Chelsea - Clinton	133	6,228	3,634	58.35	6,220	1,752	28.17	Yes	1,300 (87)	40 (97)	0.6 (98)	1,504 (99)	9.28 (69)	3	8.8 (23)	4.1 (7)	5.4 (3)	16.9 (2)	11.2 (19)	0	
36061013500	New York	New York	Chelsea - Clinton	135	9,705	5,782	59.58	9,610	3,564	37.09	Yes	2,400 (94)	40 (97)	0.6 (98)	1,553 (99)	9.29 (69)	3	9.5 (43)	5.5 (26)	9.1 (29)	23.3 (8)	11.9 (26)	0	
36061014300	New York	New York		143	2	2	100	2	2	100	Yes	520 (68)	40 (97)	0.5 (95)	1.53 (99)	9.27 (69)	3							
36061015100	New York	New York	Upper West Side	151	10,143	6,636	65.42	10,143	3,776	37.23	Yes	2,100 (92)	40 (97)	0.6 (98)	1,398 (99)	9.29 (69)	3	10.2 (62)	5.4 (24)	9 (28)	23.7 (9)	12.4 (32)	0	
36061015602	New York	New York	East Harlem	156.02	2,433	1,941	79.78	2,356	846	35.91	Yes	2,800 (95)	40 (97)	0.6 (98)	1,476 (99)	9.25 (68)	3	10.4 (67)	4.8 (15)	10 (41)	24.5 (12)	13.9 (49)	0	
36061016200	New York	New York	East Harlem	162	9,412	8,717	92.62	9,396	5,169	55.01	Yes	3,500 (96)	40 (97)	0.6 (98)	1,459 (99)	9.22 (67)	3	11.9 (90)	5.8 (31)	14.5 (84)	33.8 (61)	14.3 (54)	1	
36061016400	New York	New York	East Harlem	164	7,474	6,645	88.91	7,474	4,668	62.46	Yes	2,100 (92)	40 (97)	0.6 (98)	1,463 (99)	9.24 (68)	3	11.8 (89)	4.9 (16)	13.7 (79)	28.4 (29)	16.8 (78)	0	
36061016600	New York	New York	East Harlem	166	6,377	4,806	75.36	6,233	3,410	54.71	Yes	1,100 (83)	40 (97)	0.6 (98)	1,477 (99)	9.25 (68)	3	10.9 (77)	4.2 (8)	10.7 (50)	23.8 (9)	16.2 (73)	0	
36061016800	New York	New York	East Harlem	168	5,115	4,304	84.14	4,527	2,857	63.11	Yes	940 (81)	40 (97)	0.7 (99)	1,485 (99)	9.26 (68)	3	12.1 (91)	7.5 (69)	18.3 (95)	38.3 (81)	15.6 (68)	2	

Appendix 17D: Technical Memorandum –  
Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

36061017000	New York	New York	East Harlem	170	7,829	7,018	89.64	7,801	2,998	38.43	Yes	1,400 (88)	40 (97)	0.6 (98)	1.46 (99)	9.24 (68)	3	10.4 (67)	6 (35)	14 (81)	31.3 (46)	13.4 (43)	0
36061017200	New York	New York	East Harlem	172	5,130	4,462	86.98	5,130	2,943	57.37	Yes	1,100 (84)	40 (97)	0.6 (98)	1.463 (99)	9.24 (68)	3	11.4 (85)	4.4 (10)	13.2 (75)	25.6 (15)	17 (80)	0
36061017401	New York	New York	East Harlem	174.01	4,634	4,096	88.39	4,511	3,237	71.76	Yes	850 (79)	40 (97)	0.6 (98)	1.473 (99)	9.24 (68)	3	13.4 (97)	6.2 (39)	17.5 (94)	36 (72)	18.2 (87)	2
36061017402	New York	New York	East Harlem	174.02	2,375	1,987	83.66	2,365	1,004	42.45	Yes	1,300 (87)	40 (97)	0.6 (98)	1.483 (99)	9.25 (68)	3	11.8 (89)	4.8 (15)	10.7 (50)	28 (27)	14.2 (53)	0
36061017700	New York	New York	Upper West Side	177	9,265	4,740	51.16	9,265	2,780	30.01	Yes	820 (78)	40 (97)	0.6 (98)	1.486 (99)	9.29 (69)	3	9.7 (49)	8.2 (83)	9.7 (37)	29.2 (34)	9.8 (7)	0
36061017800	New York	New York	East Harlem	178	3,987	3,328	83.47	3,968	1,858	46.82	Yes	4,400 (97)	40 (97)	0.6 (98)	1.482 (99)	9.22 (67)	3	10.6 (72)	4.4 (10)	9.3 (32)	23.2 (8)	14.5 (56)	0
36061018000	New York	New York	East Harlem	180	7,422	6,744	90.87	7,422	4,692	63.22	Yes	1,800 (90)	40 (97)	0.6 (98)	1.466 (99)	9.23 (67)	3	11.9 (90)	4.6 (12)	12.8 (72)	26.9 (21)	16.8 (78)	1
36061018200	New York	New York	East Harlem	182	7,902	7,374	93.32	7,902	5,464	69.15	Yes	1,200 (85)	40 (97)	0.6 (98)	1.513 (99)	9.23 (67)	3	11.8 (89)	4.9 (16)	13.7 (79)	30.2 (40)	16.4 (75)	0
36061018400	New York	New York	East Harlem	184	7,116	6,291	88.41	7,002	4,238	60.53	Yes	1,300 (86)	40 (97)	0.6 (98)	1.523 (99)	9.24 (68)	3	13 (95)	5.1 (19)	15.7 (89)	32.3 (52)	18.3 (88)	1
36061018600	New York	New York	Central Harlem - Morningside Heights	186	6,909	6,461	93.52	6,638	3,916	58.99	Yes	1,200 (85)	40 (97)	0.6 (98)	1.513 (99)	9.25 (68)	3	13.9 (98)	5.3 (22)	15.4 (88)	33.7 (61)	18.5 (88)	1
36061018800	New York	New York	East Harlem	188	5,437	4,611	84.81	5,416	2,820	52.07	Yes	1,600 (89)	40 (97)	0.6 (98)	1.508 (99)	9.22 (67)	3	10.6 (72)	4.2 (8)	10.7 (50)	26.5 (19)	15.1 (63)	0
36061018900	New York	New York	Upper West Side	189	11,654	8,905	76.41	11,132	5,848	52.53	Yes	1,100 (84)	40 (97)	0.6 (98)	1.495 (99)	9.29 (69)	3	11.7 (88)	6.9 (54)	14.4 (83)	34.4 (64)	14.8 (59)	0
36061019000	New York	New York	Central Harlem - Morningside Heights	190	3,734	3,044	81.52	3,651	1,396	38.24	Yes	1,400 (87)	40 (97)	0.6 (98)	1.55 (99)	9.25 (68)	3	11.4 (85)	5.4 (24)	10.5 (47)	30 (39)	12.6 (34)	0
36061019200	New York	New York	East Harlem	192	3,802	3,657	96.19	3,802	2,825	74.3	Yes	6,400 (98)	40 (97)	0.7 (99)	1.525 (99)	9.21 (67)	3	13.9 (98)	5.4 (24)	17.9 (94)	36.6 (75)	19.5 (92)	3
36061019300	New York	New York	Upper West Side	193	10,255	6,770	66.02	10,097	4,278	42.37	Yes	960 (81)	40 (97)	0.6 (98)	1.515 (99)	9.28 (69)	3	10.8 (76)	5.4 (24)	10.9 (52)	26.4 (19)	14.2 (53)	0
36061019400	New York	New York	East Harlem	194	6,166	5,784	93.8	6,094	4,034	66.2	Yes	3,800 (97)	40 (97)	0.6 (98)	1.546 (99)	9.22 (67)	3	13.4 (97)	4.7 (14)	16.3 (91)	32.6 (54)	19.9 (94)	3
36061019600	New York	New York	East Harlem	196	4,310	3,963	91.95	4,012	2,534	63.16	Yes	1,500 (89)	40 (97)	0.6 (98)	1.572 (99)	9.23 (68)	3	12.7 (94)	7.2 (61)	19.4 (96)	39 (83)	16.8 (78)	2
36061019701	New York	New York	Central Harlem - Morningside Heights	197.01	639	398	62.28	634	287	45.27	Yes	680 (74)	40 (97)	0.6 (98)	1.579 (99)	9.28 (69)	3	9.3 (37)	4 (6)	5.5 (3)	18.7 (2)	11.6 (23)	0
36061019702	New York	New York	Central Harlem - Morningside Heights	197.02	2,478	1,838	74.17	2,478	837	33.78	Yes	920 (80)	40 (97)	0.6 (98)	1.544 (99)	9.28 (69)	3	11.2 (82)	5.1 (19)	9.7 (37)	26.8 (21)	12.8 (36)	0
36061019800	New York	New York	Central Harlem - Morningside Heights	198	2,645	2,123	80.26	2,597	826	31.81	Yes	1,400 (87)	40 (97)	0.6 (98)	1.581 (99)	9.24 (68)	3	11.1 (81)	6.2 (39)	12 (65)	32.6 (54)	12 (27)	0
36061020000	New York	New York	Central Harlem - Morningside Heights	200	3,606	2,893	80.23	3,606	737	20.44	Yes	1,400 (87)	40 (97)	0.7 (99)	1.584 (99)	9.25 (68)	3	11.1 (81)	5.3 (22)	9.5 (34)	28.8 (31)	12.4 (32)	0
36061020102	New York	New York	Central Harlem - Morningside Heights	201.02	4,137	3,002	72.56	4,137	1,267	30.63	Yes	640 (73)	40 (97)	0.6 (98)	1.579 (99)	9.27 (69)	3	11.2 (82)	4.4 (10)	8.3 (20)	24.5 (12)	13 (39)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36061020300	New York	New York	Central Harlem - Morningside Heights	203	3,607	1,898	52.62	843	432	51.25	Yes	600 (71)	40 (97)	0.6 (98)	1.55 (99)	9.29 (69)	3	11 (79)	1.6 (1)	2.8 (0)	10.3 (0)	17.5 (83)	0	
36061020600	New York	New York	East Harlem	206	3,432	2,911	84.82	3,377	1,607	47.59	Yes	2,300 (93)	40 (97)	0.6 (98)	1.587 (99)	9.23 (67)	3	12.9 (95)	4.5 (11)	12 (65)	31.4 (47)	16.3 (74)	1	
36061020701	New York	New York	Central Harlem - Morningside Heights	207.01	3,041	1,672	54.98	2,390	947	39.62	Yes	400 (60)	40 (97)	0.7 (99)	1.603 (99)	9.28 (69)	3	9.6 (46)	3.3 (2)	4.3 (1)	13.8 (1)	13.1 (40)	0	
36061020800	New York	New York	Central Harlem - Morningside Heights	208	5,432	4,671	85.99	5,429	1,427	26.28	Yes	780 (77)	40 (97)	0.7 (99)	1.592 (99)	9.25 (68)	3	11.8 (89)	4.7 (14)	9.7 (37)	29.1 (33)	13.2 (41)	0	
36061020901	New York	New York	Central Harlem - Morningside Heights	209.01	3,511	3,293	93.79	3,511	1,742	49.62	Yes	900 (80)	40 (97)	0.7 (99)	1.599 (99)	9.28 (69)	3	12.2 (92)	5.9 (33)	14.3 (82)	34.8 (67)	15.1 (63)	1	
36061021000	New York	New York	Central Harlem - Morningside Heights	210	7,540	7,489	99.32	7,540	4,483	59.46	Yes	4,200 (97)	40 (97)	0.7 (99)	1.582 (99)	9.23 (67)	3	14.4 (98)	6.5 (45)	17.7 (94)	40.3 (87)	17.2 (81)	2	
36061021100	New York	New York	Central Harlem - Morningside Heights	211	10,824	6,804	62.86	10,114	4,251	42.03	Yes	1,600 (89)	40 (97)	0.6 (98)	1.541 (99)	9.29 (69)	3	9.8 (52)	5.4 (24)	8.3 (20)	22.8 (7)	11.5 (22)	0	
36061021200	New York	New York	Central Harlem - Morningside Heights	212	4,112	3,738	90.9	3,884	1,332	34.29	Yes	1,400 (87)	40 (97)	0.6 (98)	1.588 (99)	9.24 (68)	3	11.6 (87)	7.3 (64)	12.8 (72)	36.9 (76)	11.3 (20)	0	
36061021303	New York	New York	Central Harlem - Morningside Heights	213.03	6,283	5,322	84.7	6,251	3,270	52.31	Yes	910 (80)	40 (97)	0.6 (98)	1.597 (99)	9.28 (69)	3	11.7 (88)	4.7 (14)	11.4 (58)	29.1 (33)	14.5 (56)	0	
36061021400	New York	New York	Central Harlem - Morningside Heights	214	3,373	3,087	91.52	3,373	871	25.82	Yes	2,200 (93)	40 (97)	0.7 (99)	1.589 (99)	9.23 (68)	3	11.9 (90)	6.8 (52)	12.7 (71)	37.6 (79)	11.8 (25)	1	
36061021500	New York	New York	Central Harlem - Morningside Heights	215	4,396	3,982	90.58	4,387	2,091	47.66	Yes	1,000 (83)	40 (97)	0.7 (99)	1.595 (99)	9.27 (69)	3	13.7 (97)	4.9 (16)	13.8 (79)	34.2 (63)	17.2 (81)	1	
36061021600	New York	New York	Central Harlem - Morningside Heights	216	8,773	6,601	75.24	8,773	2,733	31.15	Yes	1,000 (83)	40 (97)	0.6 (98)	1.529 (99)	9.27 (69)	3	11.7 (88)	4.7 (14)	10 (41)	27.5 (24)	13.9 (49)	0	
36061021703	New York	New York	Washington Heights - Inwood	217.03	11	6	54.55	11	0	0	Yes	580 (70)	30 (83)	0.5 (95)	1.601 (99)	9.27 (69)	2							

36061021800	New York	New York	Central Harlem - Morningside Heights	218	6,236	4,956	79.47	6,175	2,786	45.12	Yes	1,300 (87)	40 (97)	0.7 (99)	1.564 (99)	9.26 (69)	3	12.4 (93)	5.1 (19)	12.4 (69)	34 (62)	14.7 (58)	1
36061021900	New York	New York	Central Harlem - Morningside Heights	219	6,008	5,575	92.79	5,971	4,377	73.3	Yes	1,400 (87)	40 (97)	0.7 (99)	1.582 (99)	9.29 (69)	3	12.9 (95)	5.2 (21)	17 (93)	34.1 (63)	18.5 (88)	2
36061022000	New York	New York	Central Harlem - Morningside Heights	220	6,078	4,731	77.84	6,078	1,679	27.62	Yes	1,300 (87)	40 (97)	0.7 (99)	1.591 (99)	9.27 (69)	3	11.8 (89)	4.4 (10)	8.9 (27)	26.5 (19)	13.6 (46)	0
36061022102	New York	New York	Central Harlem - Morningside Heights	221.02	2,605	2,053	78.81	2,605	462	17.74	Yes	910 (80)	40 (97)	0.7 (99)	1.599 (99)	9.26 (68)	3	10.7 (74)	5 (18)	9 (28)	29.2 (34)	11 (17)	0
36061022200	New York	New York	Central Harlem - Morningside Heights	222	3,369	2,285	67.82	3,324	1,492	44.89	Yes	1,200 (86)	40 (97)	0.6 (98)	1.591 (99)	9.26 (68)	3	12.2 (92)	4.5 (11)	10.3 (45)	28.1 (27)	14.6 (57)	1
36061022301	New York	New York	Washington Heights - Inwood	223.01	8,292	6,880	82.97	8,276	3,540	42.77	Yes	1,400 (88)	40 (97)	0.6 (98)	1.583 (99)	9.28 (69)	3	9.8 (52)	4.6 (12)	10.8 (51)	24.8 (12)	14 (50)	0
36061022302	New York	New York	Washington Heights - Inwood	223.02	3,175	2,919	91.94	3,168	1,829	57.73	Yes	2,200 (93)	40 (97)	0.6 (98)	1.557 (99)	9.29 (69)	3	11.5 (86)	5.6 (27)	14.5 (84)	30.7 (43)	15 (62)	0
36061022400	New York	New York	Central Harlem - Morningside Heights	224	7,586	6,657	87.75	7,542	4,310	57.15	Yes	920 (80)	40 (97)	0.7 (99)	1.594 (99)	9.26 (68)	3	14.2 (98)	5.2 (21)	15.2 (87)	35.2 (69)	18.2 (87)	1
36061022500	New York	New York	Washington Heights - Inwood	225	10,334	8,368	80.98	10,322	4,464	43.25	Yes	1,400 (87)	40 (97)	0.6 (98)	1.583 (99)	9.29 (69)	3	10.8 (76)	5.1 (19)	11.6 (61)	27.1 (22)	14.4 (55)	0
36061022600	New York	New York	Central Harlem - Morningside Heights	226	4,954	4,099	82.74	4,885	1,705	34.9	Yes	710 (75)	40 (97)	0.7 (99)	1.593 (99)	9.26 (68)	3	12.4 (93)	5.1 (19)	11.3 (57)	31.6 (48)	14.4 (55)	1
36061022700	New York	New York	Washington Heights - Inwood	227	5,218	4,130	79.15	5,216	2,136	40.95	Yes	720 (75)	40 (97)	0.7 (99)	1.591 (99)	9.27 (69)	3	11.9 (90)	4.9 (16)	11.1 (55)	29.8 (37)	14.5 (56)	1
36061022800	New York	New York	Central Harlem - Morningside Heights	228	6,162	5,240	85.04	6,147	2,404	39.11	Yes	880 (80)	40 (97)	0.7 (99)	1.602 (99)	9.25 (68)	3	12.8 (95)	4.8 (15)	11.6 (61)	33.3 (58)	15 (62)	1
36061022900	New York	New York	Washington Heights - Inwood	229	9,205	7,390	80.28	9,205	4,561	49.55	Yes	2,300 (93)	40 (97)	0.7 (99)	1.584 (99)	9.29 (69)	3	11.2 (82)	4.7 (14)	12 (65)	26.7 (20)	15.4 (66)	0
36061023000	New York	New York	Central Harlem - Morningside Heights	230	8,717	7,983	91.58	8,673	4,112	47.41	Yes	980 (82)	40 (97)	0.6 (98)	1.596 (99)	9.25 (68)	3	14 (98)	5.3 (22)	14.8 (85)	35.9 (72)	17.7 (84)	1
36061023100	New York	New York	Washington Heights - Inwood	231	6,807	5,777	84.87	6,742	2,569	38.1	Yes	850 (79)	40 (97)	0.7 (99)	1.588 (99)	9.27 (69)	3	11.8 (89)	5 (18)	11.7 (62)	31.2 (46)	14.8 (59)	0
36061023200	New York	New York	Central Harlem - Morningside Heights	232	9,069	8,388	92.49	9,063	5,139	56.7	Yes	1,400 (87)	40 (97)	0.7 (99)	1.59 (99)	9.25 (68)	3	14 (98)	4.5 (11)	13.4 (77)	32.4 (53)	18.2 (87)	1
36061023300	New York	New York	Washington Heights - Inwood	233	7,220	5,550	76.87	7,157	3,197	44.67	Yes	3,000 (95)	40 (97)	0.7 (99)	1.593 (99)	9.29 (69)	3	11 (79)	4.5 (11)	10.5 (47)	26.1 (18)	14.5 (56)	0



## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36061023400	New York	New York	Central Harlem - Morningside Heights	234	5,072	4,538	89.47	5,072	2,401	47.34	Yes	2,300 (93)	40 (97)	0.7 (99)	1.59 (99)	9.25 (68)	3	12.3 (92)	4 (6)	9.7 (37)	28.4 (29)	15.2 (64)	1	
36061023501	New York	New York	Washington Heights - Inwood	235.01	7,044	5,727	81.3	7,038	2,949	41.9	Yes	1,400 (87)	40 (97)	0.7 (99)	1.582 (99)	9.26 (68)	3	11.8 (89)	5.1 (19)	12.1 (66)	31.6 (48)	14.6 (57)	0	
36061023502	New York	New York	Central Harlem - Morningside Heights	235.02	1,986	1,740	87.61	1,986	875	44.06	Yes	3,300 (96)	40 (97)	0.7 (99)	1.583 (99)	9.26 (68)	3	13.3 (96)	4.9 (16)	11.9 (64)	32.2 (52)	16.3 (74)	1	
36061023600	New York	New York	Central Harlem - Morningside Heights	236	7,761	7,605	97.99	7,761	3,620	46.64	Yes	4,500 (97)	40 (97)	0.7 (99)	1.587 (99)	9.24 (68)	3	12.6 (94)	7.1 (59)	14.6 (84)	39 (83)	13.1 (40)	1	
36061023700	New York	New York	Washington Heights - Inwood	237	6,682	5,436	81.35	6,675	3,550	53.18	Yes	3,300 (96)	40 (97)	0.6 (98)	1.583 (99)	9.28 (69)	3	11.4 (85)	5 (18)	12.1 (66)	28.8 (31)	15.1 (63)	0	
36061023801	New York	New York	Upper East Side	238.01	6,354	3,948	62.13	6,244	813	13.02	Yes	1,300 (87)	50 (99)	0.7 (99)	1.669 (99)	9.22 (67)	3	9 (28)	6.2 (39)	7.6 (13)	24.2 (11)	9.4 (5)	0	
36061023802	New York	New York	Upper East Side	238.02	6,086	3,819	62.75	4,648	695	14.95	Yes	910 (80)	40 (97)	0.6 (98)	1.495 (99)	9.22 (67)	3	9.6 (46)	6.5 (45)	11.3 (57)	30.8 (43)	11.9 (26)	0	
36061023900	New York	New York	Washington Heights - Inwood	239	2,781	2,391	85.98	2,781	1,322	47.54	Yes	2,000 (92)	40 (97)	0.7 (99)	1.575 (99)	9.27 (69)	3	12 (90)	5.7 (29)	13.8 (79)	33 (57)	15.5 (67)	1	
36061024000	New York	New York	East Harlem	240	2,009	1,633	81.28	1,447	1,430	98.83	Yes	1,600 (89)	40 (97)	0.6 (98)	1.404 (99)	9.2 (66)	3	13.6 (97)	3.9 (5)	24.5 (99)	45.6 (95)	24.4 (99)	4	
36061024100	New York	New York	Washington Heights - Inwood	241	8,680	7,063	81.37	8,680	2,918	33.62	Yes	2,700 (94)	40 (97)	0.6 (98)	1.561 (99)	9.28 (69)	3	10.8 (76)	6.5 (45)	13.1 (74)	31.4 (47)	13.3 (42)	0	
36061024200	New York	New York	East Harlem	242	5,003	4,773	95.4	4,965	3,054	61.51	Yes	4,800 (97)	40 (97)	0.7 (99)	1.575 (99)	9.22 (67)	3	13.6 (97)	5.1 (19)	15.7 (89)	34.3 (64)	18.5 (88)	1	
36061024301	New York	New York	Washington Heights - Inwood	243.01	4,658	4,146	89.01	4,517	2,149	47.58	Yes	2,100 (92)	40 (97)	0.6 (98)	1.405 (99)	9.26 (68)	3	11.8 (89)	4.5 (11)	12 (65)	27.8 (26)	15.8 (70)	0	
36061024302	New York	New York	Central Harlem - Morningside Heights	243.02	7,756	7,726	99.61	7,750	5,433	70.1	Yes	4,000 (97)	40 (97)	0.7 (99)	1.577 (99)	9.25 (68)	3	14.8 (99)	5.5 (26)	18.2 (95)	38 (80)	20.2 (94)	3	
36061024500	New York	New York	Washington Heights - Inwood	245	14,717	13,453	91.41	14,611	6,310	43.19	Yes	1,900 (91)	40 (97)	0.6 (98)	1.427 (99)	9.27 (69)	3	10.4 (67)	4.8 (15)	12.2 (67)	26.3 (18)	14.8 (59)	0	
36061024700	New York	New York	Washington Heights - inwood	247	7,303	5,958	81.58	7,303	2,457	33.64	Yes	3,800 (97)	40 (97)	0.6 (98)	1.416 (99)	9.29 (69)	3	9.7 (49)	5.9 (33)	11.4 (58)	28.3 (29)	12.1 (28)	0	
36061024900	New York	New York	Washington Heights - Inwood	249	1,047	894	85.39	1,028	419	40.76	Yes	2,000 (92)	40 (97)	0.6 (98)	1.325 (98)	9.26 (68)	3	10.8 (76)	4.7 (14)	11.9 (64)	26.4 (19)	14.9 (61)	0	
36061025100	New York	New York	Washington Heights - Inwood	251	2,835	2,530	89.24	2,730	1,631	59.74	Yes	1,700 (90)	40 (97)	0.6 (98)	1.314 (98)	9.27 (69)	3	11.6 (87)	4.7 (14)	15.3 (87)	29.6 (36)	17.7 (84)	0	

36061025300	New York	New York	Washington Heights - Inwood	253	13,572	11,828	87.15	13,430	6,198	46.15	Yes	1,900 (91)	40 (97)	0.6 (98)	1.303 (98)	9.26 (68)	3	10.8 (76)	4.8 (15)	12.9 (73)	26.4 (19)	15.6 (68)	0
36061025500	New York	New York	Washington Heights - Inwood	255	5,999	4,397	73.3	5,354	1,785	33.34	Yes	5,700 (98)	40 (97)	0.6 (98)	1.301 (98)	9.29 (69)	3	9.8 (52)	4.4 (10)	8 (16)	21 (4)	13.1 (40)	0
36061025700	New York	New York	Central Harlem - Morningside Heights	257	4,625	3,022	65.34	4,615	988	21.41	Yes	1,000 (82)	40 (97)	0.6 (98)	1.598 (99)	9.28 (69)	3	10.6 (72)	4.9 (16)	8.1 (17)	25.5 (15)	11.2 (19)	0
36061025900	New York	New York	Central Harlem - Morningside Heights	259	3,731	3,103	83.17	3,731	1,315	35.25	Yes	1,100 (83)	40 (97)	0.7 (99)	1.594 (99)	9.26 (68)	3	10.2 (62)	3.9 (5)	7 (8)	23.2 (8)	11.2 (19)	0
36061026100	New York	New York	Washington Heights - Inwood	261	13,145	12,690	96.54	13,068	5,936	45.42	Yes	9,700 (99)	40 (97)	0.6 (98)	1.297 (98)	9.26 (68)	3	10.5 (70)	5 (18)	13.1 (74)	27.7 (25)	14.9 (61)	0
36061026300	New York	New York	Washington Heights - Inwood	263	9,177	8,253	89.93	9,177	4,786	52.15	Yes	10,600 (99)	40 (97)	0.6 (98)	1.294 (98)	9.26 (68)	3	10.4 (67)	4.8 (15)	12.8 (72)	25.8 (16)	15.1 (63)	0
36061026500	New York	New York	Washington Heights - Inwood	265	7,951	5,441	68.43	7,940	2,052	25.84	Yes	12,300 (99)	40 (97)	0.6 (98)	1.298 (98)	9.28 (69)	3	9.4 (40)	5.4 (24)	9.2 (31)	23.1 (8)	11.9 (26)	0
36061026700	New York	New York	Washington Heights - Inwood	267	1,994	908	45.54	1,495	679	45.42	Yes	3,100 (95)	40 (97)	0.6 (98)	1.283 (98)	9.24 (68)	3	9.6 (46)	3 (2)	5.7 (3)	14.7 (1)	15.5 (67)	0
36061026900	New York	New York	Washington Heights - Inwood	269	8,986	8,276	92.1	8,809	4,361	49.51	Yes	3,000 (95)	40 (97)	0.6 (98)	1.287 (98)	9.25 (68)	3	10.5 (70)	4.7 (14)	13.2 (75)	27 (22)	15.6 (68)	0
36061027100	New York	New York	Washington Heights - Inwood	271	8,806	5,836	66.27	8,777	3,427	39.05	Yes	3,000 (95)	40 (97)	0.6 (98)	1.288 (98)	9.25 (68)	3	9.7 (49)	5.4 (24)	10.4 (46)	24.7 (12)	13.1 (40)	0
36061027700	New York	New York	Washington Heights - Inwood	277	6,538	5,541	84.75	5,406	3,736	69.11	Yes	850 (79)	40 (97)	0.6 (98)	1.278 (98)	9.23 (67)	3	10.9 (77)	6.3 (41)	16.4 (91)	31.8 (49)	15.6 (68)	1
36061027900	New York	New York	Washington Heights - Inwood	279	12,053	9,878	81.95	12,003	5,912	49.25	Yes	870 (79)	40 (97)	0.6 (98)	1.281 (98)	9.24 (68)	3	10.8 (76)	5 (18)	12.2 (67)	26.3 (18)	15.3 (65)	0
36061028300	New York	New York	Washington Heights - Inwood	283	7,949	6,412	80.66	7,802	2,848	36.5	Yes	550 (69)	40 (97)	0.6 (98)	1.276 (98)	9.24 (68)	3	9.8 (52)	5.6 (27)	10.8 (51)	25 (13)	12.5 (33)	0
36061028500	New York	New York	Washington Heights - Inwood	285	7,907	7,220	91.31	7,884	3,406	43.2	Yes	580 (70)	40 (97)	0.6 (98)	1.265 (98)	9.23 (67)	3	10.1 (60)	5.1 (19)	11.8 (63)	26.3 (18)	13.8 (48)	0
36061028700	New York	New York	Washington Heights - Inwood	287	4,231	2,871	67.86	4,231	1,620	38.29	Yes	1,700 (90)	40 (97)	0.6 (98)	1.256 (98)	9.24 (68)	3	10 (57)	4.9 (16)	9.5 (34)	23.2 (8)	13.6 (46)	0
36061029100	New York	New York	Washington Heights - Inwood	291	12,165	11,396	93.68	12,040	5,484	45.55	Yes	980 (82)	40 (97)	0.6 (98)	1.253 (98)	9.22 (67)	3	10.3 (65)	4.9 (16)	12.6 (70)	26.7 (20)	14.8 (59)	0
36061029300	New York	New York	Washington Heights - Inwood	293	9,397	8,742	93.03	9,397	4,785	50.92	Yes	1,400 (87)	40 (97)	0.6 (98)	1.213 (98)	9.21 (67)	3	10.7 (74)	4.6 (12)	13 (74)	26.3 (18)	16 (71)	0
36061029500	New York	New York	Washington Heights - Inwood	295	8,182	5,334	65.19	8,158	2,685	32.91	Yes	1,400 (87)	40 (97)	0.6 (98)	1.2 (98)	9.22 (67)	3	9.5 (43)	5.2 (21)	8 (16)	21.9 (6)	11.9 (26)	0
36061029700	New York	New York	Washington Heights - Inwood	297	22	18	81.82	0	0	0	Yes	450 (63)	30 (83)	0.5 (95)	1.062 (97)	9.21 (67)	2	13.2 (96)	8.4 (87)	17.1 (93)	37.5 (78)	17.6 (84)	2

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36061029900	New York	New York	Washington Heights - Inwood	299	3,737	3,637	97.32	3,737	2,469	66.07	Yes	1,200 (86)	40 (97)	0.6 (98)	1.261 (98)	9.2 (66)	3	12.7 (94)	6 (35)	18.5 (95)	35.5 (70)	17.8 (85)	2	
36061030300	New York	New York	Washington Heights - Inwood	303	4,535	2,911	64.19	4,535	1,542	34	Yes	830 (78)	40 (97)	0.6 (98)	1.116 (98)	9.19 (66)	3	10 (57)	5.2 (21)	8.9 (27)	24.4 (11)	13 (39)	0	
36061030900	New York	New York	Kingsbridge-Riverdale	309	10,593	10,078	95.14	10,578	5,550	52.47	Yes	2,600 (94)	40 (97)	0.5 (95)	0.978 (97)	9.17 (66)	3	11.4 (85)	5.2 (21)	13.5 (77)	29.1 (33)	15.5 (67)	0	
36081000200	New York	Queens	Southwest Queens	2	3,019	2,622	86.85	3,002	1,025	34.14	Yes	120 (32)	40 (97)	0.5 (95)	0.948 (97)	8.66 (51)	3	8.5 (16)	4.6 (12)	11.8 (63)	24.8 (12)	12 (27)	0	
36081000400	New York	Queens	Southwest Queens	4	4,476	4,293	95.91	4,465	1,942	43.49	Yes	130 (32)	40 (97)	0.5 (95)	0.938 (97)	8.63 (50)	3	9.3 (37)	4 (6)	12.6 (70)	24.8 (12)	13.9 (49)	0	
36081000600	New York	Queens	Southwest Queens	6	4,107	3,823	93.09	4,075	1,210	29.69	Yes	400 (61)	40 (97)	0.5 (95)	0.924 (97)	8.62 (50)	3	8.9 (26)	4.2 (8)	10.5 (47)	22.9 (7)	12.5 (33)	0	
36081000800	New York	Queens	Southwest Queens	8	3,193	2,828	88.57	3,156	907	28.74	Yes	310 (53)	30 (83)	0.5 (95)	0.9 (97)	8.59 (49)	2	8.5 (16)	4.4 (10)	10.7 (50)	23.7 (9)	11.9 (26)	0	
36081001000	New York	Queens	Southwest Queens	10	4,618	4,060	87.92	4,597	1,374	29.89	Yes	110 (29)	30 (83)	0.5 (95)	0.909 (97)	8.61 (50)	2	8.5 (16)	4.3 (9)	11.2 (56)	23.9 (10)	12.3 (30)	0	
36081001200	New York	Queens	Southwest Queens	12	3,578	2,842	79.43	3,578	987	27.59	Yes	94 (26)	40 (97)	0.5 (95)	0.927 (97)	8.62 (50)	3	8.6 (18)	4.9 (16)	11.3 (57)	25.5 (15)	11.9 (26)	0	
36081001400	New York	Queens	Southwest Queens	14	4,308	3,508	81.43	4,289	1,504	35.07	Yes	850 (79)	30 (83)	0.5 (95)	0.905 (97)	8.6 (49)	2	8.6 (18)	4.9 (16)	11.4 (58)	24.8 (12)	11.9 (26)	0	
36081001600	New York	Queens	Southwest Queens	16	2,420	2,168	89.59	2,418	488	20.18	Yes	770 (77)	30 (83)	0.5 (95)	0.887 (97)	8.58 (49)	2	8.3 (12)	4.5 (11)	10.9 (52)	24.2 (11)	11.5 (22)	0	
36081001800	New York	Queens	Southwest Queens	18	2,796	2,408	86.12	2,775	916	33.01	Yes	1,900 (91)	30 (83)	0.5 (95)	0.868 (97)	8.57 (48)	2	8.7 (21)	4.7 (14)	11.6 (61)	25.3 (14)	12 (27)	0	
36081001900	New York	Queens	Long Island City - Astoria	19	4,358	2,615	60	4,358	625	14.34	Yes	1,500 (88)	40 (97)	0.7 (99)	1.674 (99)	9.18 (66)	3	7.1 (1)	4 (6)	5.3 (3)	16.4 (1)	8.3 (1)	0	
36081002000	New York	Queens	Southwest Queens	20	1,721	1,497	86.98	1,721	346	20.1	Yes	2,200 (93)	30 (83)	0.4 (81)	0.86 (97)	8.55 (48)	1	8.3 (12)	4.6 (12)	10.7 (50)	23.4 (8)	11.2 (19)	0	
36081002200	New York	Queens	Southwest Queens	22	2,314	1,884	81.42	2,312	627	27.12	Yes	1,100 (84)	30 (83)	0.5 (95)	0.877 (97)	8.57 (48)	2	8.5 (16)	4.8 (15)	11.1 (55)	24.5 (12)	11.5 (22)	0	
36081002400	New York	Queens	Southwest Queens	24	2,382	2,175	91.31	2,382	776	32.58	Yes	240 (47)	30 (83)	0.5 (95)	0.871 (97)	8.55 (48)	2	9 (28)	4.5 (11)	12 (65)	25.2 (14)	12.8 (36)	0	
36081002500	New York	Queens	Long Island City - Astoria	25	6,802	6,581	96.75	6,802	5,037	74.05	Yes	2,000 (92)	40 (97)	0.7 (99)	1.672 (99)	9.19 (66)	3	13.3 (96)	5.1 (19)	21.6 (98)	38.4 (82)	19.3 (92)	3	
36081002600	New York	Queens	Southwest Queens	26	2,272	1,916	84.33	2,272	807	35.52	Yes	200 (42)	30 (83)	0.4 (81)	0.859 (97)	8.54 (47)	1	9.4 (40)	4.9 (16)	12.6 (70)	25.7 (16)	12.9 (37)	0	
36081002800	New York	Queens	Southwest Queens	28	3,573	3,079	86.17	3,560	1,255	35.25	Yes	500 (66)	30 (83)	0.4 (81)	0.854 (97)	8.54 (47)	1	9.4 (40)	4.4 (10)	12.7 (71)	25.1 (13)	14.2 (53)	0	
36081003000	New York	Queens	Southwest Queens	30	1,524	1,134	74.41	1,506	421	27.95	Yes	1,200 (86)	30 (83)	0.5 (95)	0.857 (97)	8.54 (48)	2	9.1 (31)	5.2 (21)	12.6 (70)	28.2 (28)	12.9 (37)	0	
36081003100	New York	Queens	Long Island City - Astoria	31	1,144	798	69.76	1,143	375	32.81	Yes	1,100 (83)	40 (97)	0.6 (98)	1.558 (99)	9.16 (65)	3	8.1 (9)	4.2 (8)	10 (41)	22.7 (7)	11.7 (24)	0	
36081003200	New York	Queens	Southwest Queens	32	1,764	1,566	88.78	1,757	558	31.76	Yes	2,400 (94)	30 (83)	0.4 (81)	0.846 (97)	8.54 (48)	1	9 (28)	4.5 (11)	11.9 (64)	25.2 (14)	12.9 (37)	0	
36081003300	New York	Queens	Long Island City - Astoria	33	3,569	2,458	68.87	3,568	1,101	30.86	Yes	2,200 (93)	40 (97)	0.7 (99)	1.612 (99)	9.18 (66)	3	7.3 (2)	3.6 (3)	8.9 (27)	20.4 (4)	10.5 (12)	0	
36081003400	New York	Queens	Southwest Queens	34	2,612	2,313	88.55	2,607	1,062	40.74	Yes	770 (77)	30 (83)	0.5 (95)	0.9 (97)	8.59 (49)	2	9.7 (49)	4.3 (9)	13.4 (77)	25.6 (15)	14.4 (55)	0	

36081003600	New York	Queens	Southwest Queens	36	3,584	3,297	91.99	3,572	823	23.04	Yes	780 (77)	30 (83)	0.5 (95)	0.882 (97)	8.58 (49)	2	8.5 (16)	4.3 (9)	10.1 (42)	22.4 (6)	11.6 (23)	0
36081003800	New York	Queens	Southwest Queens	38	2,757	2,536	91.98	2,756	1,158	42.02	Yes	1,300 (87)	30 (83)	0.4 (81)	0.847 (97)	8.53 (47)	1	9.1 (31)	4.7 (14)	11.6 (61)	25 (13)	12.9 (37)	0
36081003900	New York	Queens	Long Island City - Astoria	39	1,439	981	68.17	1,439	701	48.71	Yes	290 (51)	40 (97)	0.6 (98)	1.532 (99)	9.2 (67)	3	9.4 (40)	3.6 (3)	11.2 (56)	24.4 (11)	14.5 (56)	0
36081004001	New York	Queens	Southwest Queens	40.01	2,365	1,704	72.05	2,364	734	31.05	Yes	1,400 (87)	30 (83)	0.5 (95)	0.843 (96)	8.52 (47)	2	9.4 (40)	5 (18)	10.7 (50)	24.4 (11)	13.2 (41)	0
36081004002	New York	Queens	Southwest Queens	40.02	1,459	1,296	88.83	1,450	586	40.41	Yes	1,700 (90)	30 (83)	0.4 (81)	0.839 (96)	8.5 (46)	1	9.3 (37)	4.3 (9)	12.4 (69)	25 (13)	14 (50)	0
36081004200	New York	Queens	Southwest Queens	42	4,016	3,585	89.27	3,998	1,880	47.02	Yes	680 (74)	30 (83)	0.5 (95)	0.884 (97)	8.58 (49)	2	8.8 (23)	4.3 (9)	12.4 (69)	25.8 (16)	12.8 (36)	0
36081004300	New York	Queens	Long Island City - Astoria	43	2,283	2,197	96.23	2,266	1,577	69.59	Yes	790 (77)	40 (97)	0.6 (98)	1.536 (99)	9.2 (66)	3	11.7 (88)	5.6 (27)	18.5 (95)	36.2 (73)	16.2 (73)	1
36081004401	New York	Queens	Southwest Queens	44.01	3,732	3,439	92.15	3,732	1,709	45.79	Yes	1,000 (83)	30 (83)	0.5 (95)	0.878 (97)	8.57 (48)	2	8.7 (21)	4.4 (10)	13.3 (76)	27.5 (24)	12.9 (37)	0
36081004700	New York	Queens	Long Island City - Astoria	47	3,665	2,708	73.89	3,646	1,704	46.74	Yes	930 (81)	40 (97)	0.6 (98)	1.492 (99)	9.19 (66)	3	10.1 (60)	5.8 (31)	13.5 (77)	30.6 (42)	13.1 (40)	0
36081005000	New York	Queens	Southwest Queens	50	49	40	81.63	49	40	81.63	Yes	360 (57)	30 (83)	0.4 (81)	0.852 (97)	8.56 (48)	1						
36081005100	New York	Queens	Long Island City - Astoria	51	1,866	1,359	72.83	1,866	1,051	56.32	Yes	650 (73)	40 (97)	0.6 (98)	1.528 (99)	9.16 (65)	3	8.4 (14)	3.9 (5)	10.9 (52)	23.3 (8)	13 (39)	0
36081005200	New York	Queens	Southwest Queens	52	2,817	2,524	89.6	2,808	1,028	36.61	Yes	640 (73)	30 (83)	0.4 (81)	0.859 (97)	8.56 (48)	1	8.7 (21)	4.1 (7)	11.3 (57)	23.9 (10)	12.7 (35)	0
36081005300	New York	Queens	Long Island City - Astoria	53	5,092	2,835	55.68	5,092	1,164	22.86	Yes	800 (78)	40 (97)	0.6 (98)	1.441 (99)	9.18 (66)	3	7.8 (5)	4.7 (14)	7.2 (10)	20.6 (4)	9.9 (8)	0
36081005400	New York	Queens	Southwest Queens	54	5,862	4,927	84.05	5,829	1,818	31.19	Yes	820 (78)	30 (83)	0.4 (81)	0.838 (96)	8.52 (47)	1	9.5 (43)	5 (18)	11.8 (63)	26.6 (20)	13.3 (42)	0
36081005500	New York	Queens	Long Island City - Astoria	55	952	716	75.21	952	290	30.46	Yes	510 (67)	40 (97)	0.6 (98)	1.486 (99)	9.15 (65)	3	8.1 (9)	4 (6)	9.4 (33)	21.2 (5)	11.8 (25)	0
36081005700	New York	Queens	Long Island City - Astoria	57	4,212	2,679	63.6	4,198	1,592	37.92	Yes	520 (67)	40 (97)	0.6 (98)	1.444 (99)	9.16 (65)	3	8.5 (16)	4.1 (7)	8.5 (22)	21 (4)	12.2 (29)	0
36081005800	New York	Queens	Southwest Queens	58	6,355	4,756	74.84	6,355	1,470	23.13	Yes	1,400 (88)	30 (83)	0.4 (81)	0.826 (96)	8.5 (47)	1	9.1 (31)	5.7 (29)	11.2 (56)	26.3 (18)	12.2 (29)	0
36081006202	New York	Queens	Southwest Queens	62.02	6,459	3,529	54.64	6,459	2,616	40.5	Yes	930 (81)	30 (83)	0.4 (81)	0.743 (96)	8.52 (47)	1	9.4 (40)	6.6 (47)	11.7 (62)	28.3 (29)	12.9 (37)	0
36081006502	New York	Queens	Long Island City - Astoria	65.02	3,494	1,434	41.04	3,494	1,044	29.88	Yes	3,800 (97)	40 (97)	0.6 (98)	1.345 (99)	9.16 (65)	3	8.5 (16)	4.6 (12)	7.1 (9)	19.6 (3)	11.5 (22)	0
36081006900	New York	Queens	Long Island City - Astoria	69	3,699	1,922	51.96	3,431	1,158	33.75	Yes	6,000 (98)	40 (97)	0.6 (98)	1.358 (99)	9.19 (66)	3	8.2 (10)	5.6 (27)	10 (41)	24.7 (12)	11.4 (21)	0
36081007700	New York	Queens	Long Island City - Astoria	77	1,856	1,106	59.59	1,856	517	27.86	Yes	1,500 (89)	40 (97)	0.6 (98)	1.432 (99)	9.2 (66)	3	8 (7)	4.2 (8)	7.1 (9)	19 (3)	10.7 (14)	0
36081007900	New York	Queens	Long Island City - Astoria	79	2,685	1,422	52.96	2,685	1,021	38.03	Yes	1,000 (82)	40 (97)	0.6 (98)	1.415 (99)	9.19 (66)	3	8.7 (21)	4.4 (10)	10.7 (50)	23.8 (9)	13.1 (40)	0
36081008100	New York	Queens	Long Island City - Astoria	81	1,269	783	61.7	1,262	320	25.36	Yes	590 (71)	40 (97)	0.6 (98)	1.446 (99)	9.2 (67)	3	7.9 (6)	3.3 (2)	6.8 (7)	18.6 (2)	11.2 (19)	0
36081008300	New York	Queens	Long Island City - Astoria	83	2,409	1,617	67.12	2,409	639	26.53	Yes	900 (80)	40 (97)	0.6 (98)	1.406 (99)	9.2 (66)	3	8.5 (16)	4 (6)	9.3 (32)	22.3 (6)	12.3 (30)	0
36081008500	New York	Queens	Long Island City - Astoria	85	883	551	62.4	878	511	58.2	Yes	560 (69)	40 (97)	0.6 (98)	1.591 (99)	9.2 (66)	3	9.5 (43)	3.6 (3)	10.1 (42)	21.4 (5)	14.8 (59)	0
36081008600	New York	Queens	Southwest Queens	86	2,846	2,040	71.68	2,840	781	27.5	Yes	1,100 (84)	30 (83)	0.4 (81)	0.824 (96)	8.48 (46)	1	8.9 (26)	5.5 (26)	10.1 (42)	24.9 (13)	11.9 (26)	0
36081008700	New York	Queens	Long Island City - Astoria	87	4,052	3,657	90.25	4,052	3,076	75.91	Yes	47 (17)	40 (97)	0.6 (98)	1.451 (99)	9.21 (67)	3	13.2 (96)	4.7 (14)	18.3 (95)	35 (68)	19.2 (91)	3
36081008800	New York	Queens	Southwest Queens	88	3,663	2,327	63.53	3,663	837	22.85	Yes	3,300 (96)	30 (83)	0.4 (81)	0.792 (96)	8.46 (45)	1	9.2 (34)	5.9 (33)	10.1 (42)	25 (13)	12.1 (28)	0
36081009100	New York	Queens	Long Island City - Astoria	91	2,303	1,156	50.2	2,303	535	23.23	Yes	1,900 (91)	40 (97)	0.6 (98)	1.404 (99)	9.21 (67)	3	8.8 (23)	4.9 (16)	9.2 (31)	22.3 (6)	12.3 (30)	0
36081009400	New York	Queens	Southwest Queens	94	2,769	2,523	91.12	2,760	1,056	38.26	Yes	480 (65)	30 (83)	0.4 (81)	0.826 (96)	8.47 (46)	1	10.4 (67)	4.6 (12)	12.1 (66)	26.9 (21)	14.6 (57)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36081009500	New York	Queens	Long Island City - Astoria	95	2,276	826	36.29	2,262	650	28.74	Yes	6,600 (98)	40 (97)	0.6 (98)	1.347 (99)	9.18 (66)	3	8.4 (14)	5.6 (27)	7.3 (10)	21.3 (5)	11 (17)	0	
36081009600	New York	Queens	Southwest Queens	96	3,522	3,200	90.86	3,516	598	17.01	Yes	410 (61)	30 (83)	0.4 (81)	0.818 (96)	8.45 (45)	1	9.6 (46)	4.9 (16)	11.1 (55)	25.1 (13)	12.8 (36)	0	
36081009800	New York	Queens	Southwest Queens	98	2,705	2,682	99.15	2,705	972	35.93	Yes	290 (52)	30 (83)	0.4 (81)	0.818 (96)	8.45 (45)	1	10.6 (72)	4.4 (10)	13.2 (75)	27.2 (23)	15.5 (67)	0	
36081010000	New York	Queens	Southwest Queens	100	3,686	3,315	89.93	3,686	918	24.91	Yes	330 (55)	30 (83)	0.4 (81)	0.815 (96)	8.43 (45)	1	10.4 (67)	4.8 (15)	12.5 (69)	26.5 (19)	14.5 (56)	0	
36081010200	New York	Queens	Southwest Queens	102	2,817	2,611	92.69	2,795	993	35.53	Yes	560 (69)	30 (83)	0.4 (81)	0.807 (96)	8.4 (44)	1	9.9 (54)	5 (18)	13.1 (74)	28 (27)	13.5 (44)	0	
36081010400	New York	Queens	Southwest Queens	104	3,014	2,824	93.7	3,014	711	23.59	Yes	300 (52)	30 (83)	0.4 (81)	0.813 (96)	8.42 (44)	1	10.5 (70)	4.7 (14)	12.2 (67)	26.1 (18)	14.4 (55)	0	
36081010500	New York	Queens	Long Island City - Astoria	105	4,522	2,388	52.81	4,522	1,751	38.72	Yes	41 (15)	40 (97)	0.6 (98)	1.334 (99)	9.17 (66)	3	9.2 (34)	5.6 (27)	11.8 (63)	27 (22)	12.6 (34)	0	
36081010600	New York	Queens	Southwest Queens	106	3,733	3,644	97.62	3,727	1,141	30.61	Yes	510 (67)	30 (83)	0.4 (81)	0.815 (96)	8.43 (45)	1	10.4 (67)	4.6 (12)	13.5 (77)	27 (22)	14.8 (59)	0	
36081010800	New York	Queens	Southwest Queens	108	3,364	3,228	95.96	3,334	1,295	38.84	Yes	530 (68)	30 (83)	0.4 (81)	0.824 (96)	8.46 (45)	1	9.9 (54)	4.1 (7)	12.9 (73)	25.7 (16)	14.8 (59)	0	
36081011000	New York	Queens	Southwest Queens	110	3,234	2,848	88.06	3,234	887	27.43	Yes	450 (63)	30 (83)	0.4 (81)	0.833 (96)	8.47 (46)	1	10.4 (67)	4.4 (10)	13 (74)	26.8 (21)	15.3 (65)	0	
36081011200	New York	Queens	Southwest Queens	112	2,279	1,746	76.61	2,259	734	32.49	Yes	410 (61)	30 (83)	0.4 (81)	0.835 (96)	8.49 (46)	1	9.7 (49)	5 (18)	13.1 (74)	27.3 (23)	14.3 (54)	0	
36081011400	New York	Queens	Southwest Queens	114	1,303	1,041	79.89	1,303	720	55.26	Yes	530 (68)	30 (83)	0.4 (81)	0.841 (96)	8.51 (47)	1	10.3 (65)	4.5 (11)	12.8 (72)	27.1 (22)	15.6 (68)	0	
36081011600	New York	Queens	Southwest Queens	116	1,980	1,785	90.15	1,969	622	31.59	Yes	550 (69)	30 (83)	0.4 (81)	0.842 (96)	8.5 (46)	1	9.9 (54)	4.4 (10)	11.6 (61)	25 (13)	14.2 (53)	0	
36081011800	New York	Queens	Southwest Queens	118	2,522	2,472	98.02	2,522	868	34.42	Yes	900 (80)	30 (83)	0.5 (95)	0.842 (96)	8.48 (46)	2	9.5 (43)	4.1 (7)	12.5 (69)	25 (13)	14.2 (53)	0	
36081011900	New York	Queens	Long Island City - Astoria	119	1,409	550	39.03	1,409	388	27.54	Yes	2,400 (94)	40 (97)	0.6 (98)	1.331 (98)	9.16 (65)	3	8.9 (26)	5.2 (21)	7.4 (11)	21 (4)	12.1 (28)	0	
36081012000	New York	Queens	Southwest Queens	120	2,365	2,251	95.18	2,365	985	41.65	Yes	870 (79)	30 (83)	0.4 (81)	0.829 (96)	8.45 (45)	1	8.9 (26)	3.9 (5)	12.7 (71)	26 (17)	13.1 (40)	0	
36081012200	New York	Queens	Southwest Queens	122	3,128	3,011	96.26	3,107	1,158	37.27	Yes	580 (70)	30 (83)	0.4 (81)	0.848 (97)	8.47 (46)	1	8.9 (26)	4.3 (9)	12.7 (71)	26.9 (21)	13 (39)	0	
36081012400	New York	Queens	Southwest Queens	124	3,374	3,087	91.49	3,370	821	24.36	Yes	470 (65)	30 (83)	0.5 (95)	0.844 (97)	8.49 (46)	2	8.7 (21)	4.2 (8)	11.1 (55)	24 (10)	12.2 (29)	0	
36081012601	New York	Queens	Southwest Queens	126.01	2,750	2,575	93.64	2,745	736	26.81	Yes	490 (66)	30 (83)	0.4 (81)	0.846 (97)	8.5 (46)	1	9 (28)	4.5 (11)	11.5 (59)	25.4 (15)	12.5 (33)	0	
36081012602	New York	Queens	Southwest Queens	126.02	2,792	2,405	86.14	2,792	1,018	36.46	Yes	400 (60)	30 (83)	0.4 (81)	0.85 (97)	8.52 (47)	1	9.2 (34)	4.4 (10)	11.5 (59)	24.9 (13)	13.1 (40)	0	
36081012800	New York	Queens	Southwest Queens	128	2,380	1,782	74.87	2,364	715	30.25	Yes	200 (42)	30 (83)	0.4 (81)	0.857 (97)	8.53 (47)	1	8.7 (21)	5.4 (24)	10.5 (47)	24.9 (13)	11.5 (22)	0	
36081013000	New York	Queens	Southwest Queens	130	1,688	1,048	62.09	1,682	585	34.78	Yes	310 (53)	30 (83)	0.4 (81)	0.877 (97)	8.52 (47)	1	8.6 (18)	5.3 (22)	10.6 (49)	24.5 (12)	11.4 (21)	0	
36081013200	New York	Queens	Southwest Queens	132	2,265	1,441	63.62	2,265	805	35.54	Yes	590 (71)	30 (83)	0.5 (95)	0.891 (97)	8.5 (46)	2	9.3 (37)	5.3 (22)	11.2 (56)	25.4 (15)	13 (39)	0	
36081013400	New York	Queens	Southwest Queens	134	4,678	2,649	56.63	4,662	1,745	37.43	Yes	460 (64)	30 (83)	0.5 (95)	0.963 (97)	8.5 (47)	2	8.9 (26)	6.5 (45)	10.2 (43)	26.9 (21)	11.3 (20)	0	
36081013800	New York	Queens	Southwest Queens	138	3,608	2,312	64.08	3,606	721	19.99	Yes	1,000 (82)	30 (83)	0.5 (95)	0.981 (97)	8.46 (45)	2	8.4 (14)	5.3 (22)	10.4 (46)	24.9 (13)	10.9 (16)	0	



36081014000	New York	Queens	Southwest Queens	140	3,766	1,950	51.78	3,707	851	22.96	Yes	530 (68)	30 (83)	0.5 (95)	0.944 (97)	8.48 (46)	2	8.5 (16)	5.1 (19)	8.5 (22)	22.3 (6)	10.9 (16)	0
36081014100	New York	Queens	Long Island City - Astoria	141	1,636	876	53.55	1,636	555	33.92	Yes	5,400 (98)	40 (97)	0.6 (98)	1.331 (98)	9.14 (65)	3	8.7 (21)	4.4 (10)	7.7 (14)	20.9 (4)	12.6 (34)	0
36081014201	New York	Queens	Southwest Queens	142.01	4,334	4,079	94.12	4,334	1,348	31.1	Yes	350 (56)	30 (83)	0.5 (95)	0.905 (97)	8.46 (45)	2	9.1 (31)	3.8 (5)	11.7 (62)	24.3 (11)	13.4 (43)	0
36081014202	New York	Queens	Southwest Queens	142.02	2,856	2,683	93.94	2,555	1,160	45.4	Yes	2,500 (94)	30 (83)	0.5 (95)	0.883 (97)	8.43 (45)	2	9.5 (43)	5.5 (26)	14.5 (84)	29.1 (33)	13.4 (43)	0
36081014300	New York	Queens	Long Island City - Astoria	143	3,772	1,686	44.7	3,772	1,162	30.81	Yes	3,000 (95)	40 (97)	0.6 (98)	1.333 (98)	9.16 (65)	3	8.5 (16)	4.7 (14)	8 (16)	22.1 (6)	11.8 (25)	0
36081014400	New York	Queens	Southwest Queens	144	1,915	1,802	94.1	1,886	841	44.59	Yes	590 (71)	30 (83)	0.5 (95)	0.863 (97)	8.46 (45)	2	9.3 (37)	4.1 (7)	13.8 (79)	26.6 (20)	13.9 (49)	0
36081014500	New York	Queens	Long Island City - Astoria	145	2,412	861	35.7	2,412	769	31.88	Yes	1,600 (89)	40 (97)	0.6 (98)	1.332 (98)	9.13 (64)	3	9 (28)	5.4 (24)	8.3 (20)	23.2 (8)	12.4 (32)	0
36081014800	New York	Queens	Southwest Queens	148	1,719	1,674	97.38	1,708	652	38.17	Yes	1,500 (88)	30 (83)	0.4 (81)	0.827 (96)	8.43 (45)	1	9.6 (46)	4 (6)	13.1 (74)	26 (17)	14.2 (53)	0
36081015000	New York	Queens	Southwest Queens	150	2,899	2,860	98.65	2,899	801	27.63	Yes	1,200 (85)	30 (83)	0.4 (81)	0.823 (96)	8.42 (44)	1	9 (28)	4.2 (8)	12.5 (69)	26.4 (19)	12.7 (35)	0
36081015100	New York	Queens	Long Island City - Astoria	151	2,613	922	35.29	2,608	750	28.76	Yes	270 (50)	40 (97)	0.6 (98)	1.346 (99)	9.12 (64)	3	8.3 (12)	4.7 (14)	7.9 (15)	20.8 (4)	11.1 (18)	0
36081015200	New York	Queens	Southwest Queens	152	2,822	2,717	96.28	2,819	1,098	38.95	Yes	4,300 (97)	30 (83)	0.5 (95)	0.824 (96)	8.39 (44)	2	10.7 (74)	4.3 (9)	13.8 (79)	28 (27)	15.6 (68)	0
36081015300	New York	Queens	Long Island City - Astoria	153	1,933	1,050	54.32	1,856	437	23.55	Yes	540 (68)	40 (97)	0.6 (98)	1.375 (99)	9.12 (64)	3	8.5 (16)	4.8 (15)	8.1 (17)	21.6 (5)	11.4 (21)	0
36081015400	New York	Queens	Southwest Queens	154	2,170	2,103	96.91	2,159	636	29.46	Yes	950 (81)	30 (83)	0.4 (81)	0.823 (96)	8.42 (44)	1	9.5 (43)	4.2 (8)	12.5 (69)	26.7 (20)	13.3 (42)	0
36081015600	New York	Queens	Southwest Queens	156	2,908	2,805	96.46	2,902	793	27.33	Yes	420 (61)	30 (83)	0.4 (81)	0.822 (96)	8.42 (44)	1	9.9 (54)	4.3 (9)	12 (65)	26.3 (18)	13.5 (44)	0
36081015700	New York	Queens	Long Island City - Astoria	157	1,305	909	69.66	1,305	345	26.44	Yes	580 (70)	40 (97)	0.6 (98)	1.447 (99)	9.13 (64)	3	7.8 (5)	3.8 (5)	8.6 (23)	22 (6)	11.3 (20)	0
36081015801	New York	Queens	Southwest Queens	158.01	3,746	3,736	99.73	3,673	1,146	31.2	Yes	2,300 (93)	30 (83)	0.5 (95)	0.804 (96)	8.38 (43)	2	11.2 (82)	4.9 (16)	13.8 (79)	30.9 (44)	15.2 (64)	0
36081015802	New York	Queens	Southwest Queens	158.02	4,872	4,714	96.76	4,862	1,031	21.21	Yes	250 (48)	30 (83)	0.4 (81)	0.81 (96)	8.41 (44)	1	10.6 (72)	4.8 (15)	13.3 (76)	29 (33)	14.5 (56)	0
36081015900	New York	Queens	Long Island City - Astoria	159	3,422	1,219	35.62	3,422	1,345	39.3	Yes	680 (74)	40 (97)	0.6 (98)	1.424 (99)	9.13 (64)	3	9.2 (34)	4.9 (16)	8.9 (27)	22.6 (7)	13 (39)	0
36081016100	New York	Queens	Long Island City - Astoria	161	2,297	1,425	62.04	2,297	580	25.25	Yes	730 (75)	40 (97)	0.6 (98)	1.413 (99)	9.11 (64)	3	8.1 (9)	4.1 (7)	9 (28)	21.7 (5)	11.6 (23)	0
36081016300	New York	Queens	West Queens	163	3,519	2,954	83.94	3,519	2,089	59.36	Yes	630 (72)	40 (97)	0.6 (98)	1.376 (99)	9.1 (63)	3	11.3 (84)	5.6 (27)	17.1 (93)	34 (62)	16 (71)	1
36081016400	New York	Queens	Southwest Queens	164	3,786	3,722	98.31	3,769	887	23.53	Yes	360 (58)	30 (83)	0.5 (95)	0.807 (96)	8.39 (43)	2	11.1 (81)	4.7 (14)	13.3 (76)	29 (33)	15.1 (63)	0
36081016600	New York	Queens	Southwest Queens	166	3,984	3,855	96.76	3,970	956	24.08	Yes	530 (68)	30 (83)	0.4 (81)	0.807 (96)	8.4 (44)	1	10.8 (76)	4.8 (15)	13.7 (79)	27.6 (25)	14.9 (61)	0
36081016800	New York	Queens	Southwest Queens	168	3,257	3,176	97.51	3,231	834	25.81	Yes	410 (61)	30 (83)	0.4 (81)	0.799 (96)	8.39 (43)	1	10.4 (67)	4.6 (12)	12.8 (72)	27.2 (23)	14.2 (53)	0
36081016900	New York	Queens	West Queens	169	5,683	3,379	59.46	5,671	1,862	32.83	Yes	350 (57)	40 (97)	0.6 (98)	1.454 (99)	9.08 (63)	3	8.2 (10)	5.4 (24)	9.7 (37)	23.1 (8)	10.6 (13)	0
36081017000	New York	Queens	Southwest Queens	170	2,622	2,585	98.59	2,622	910	34.71	Yes	1,400 (87)	30 (83)	0.4 (81)	0.796 (96)	8.37 (43)	1	11.6 (87)	4.6 (12)	13.2 (75)	29.9 (38)	15.4 (66)	0
36081017200	New York	Queens	Southwest Queens	172	1,913	1,884	98.48	1,905	565	29.66	Yes	750 (76)	30 (83)	0.4 (81)	0.793 (96)	8.36 (43)	1	11.2 (82)	5 (18)	13.1 (74)	29.7 (37)	14.5 (56)	0
36081017400	New York	Queens	Southwest Queens	174	2,285	2,261	98.95	2,285	457	20	Yes	860 (79)	30 (83)	0.4 (81)	0.788 (96)	8.36 (43)	1	11.3 (84)	5.2 (21)	13.3 (76)	30.9 (44)	14.1 (52)	0
36081017600	New York	Queens	Southwest Queens	176	2,135	2,013	94.29	2,135	570	26.7	Yes	1,100 (84)	30 (83)	0.4 (81)	0.782 (96)	8.34 (42)	1	11.6 (87)	5.1 (19)	14.4 (83)	32.4 (53)	14.8 (59)	0
36081017800	New York	Queens	Southwest Queens	178	2,257	2,213	98.05	2,249	708	31.48	Yes	1,300 (86)	30 (83)	0.4 (81)	0.778 (96)	8.34 (42)	1	11.3 (84)	5 (18)	13.5 (77)	31.4 (47)	14.5 (56)	0
36081017900	New York	Queens	Long Island City - Astoria	179	1,019	754	73.99	1,019	410	40.24	Yes	1,600 (89)	40 (97)	0.6 (98)	1.493 (99)	9.13 (64)	3	8.8 (23)	4.7 (14)	13.1 (74)	25.3 (14)	12.9 (37)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36081018000	New York	Queens	Southwest Queens	180	1,328	1,205	90.74	1,322	435	32.9	Yes	3,500 (96)	30 (83)	0.5 (95)	0.767 (96)	8.32 (42)	2	11.5 (86)	4.7 (14)	13.9 (80)	33.8 (61)	15.2 (64)	0	
36081018101	New York	Queens	Long Island City - Astoria	181.01	3,497	2,297	65.68	3,497	1,043	29.83	Yes	1,400 (88)	40 (97)	0.6 (98)	1.484 (99)	9.1 (63)	3	8.4 (14)	4.4 (10)	10.6 (49)	23.8 (9)	12.2 (29)	0	
36081018102	New York	Queens	Long Island City - Astoria	181.02	3,311	1,661	50.17	3,303	661	20.01	Yes	1,200 (85)	40 (97)	0.6 (98)	1.476 (99)	9.09 (63)	3	8 (7)	5.2 (21)	8.8 (25)	22.4 (6)	10.3 (11)	0	
36081018200	New York	Queens	Jamaica	182	2,499	2,451	98.08	2,485	948	38.15	Yes	2,500 (94)	30 (83)	0.5 (95)	0.757 (96)	8.3 (41)	2	11.7 (88)	4.8 (15)	13.3 (76)	32.9 (56)	14.3 (54)	0	
36081018300	New York	Queens	Long Island City - Astoria	183	6,064	3,405	56.15	6,016	1,370	22.77	Yes	1,000 (82)	40 (97)	0.6 (98)	1.469 (99)	9.09 (63)	3	7.9 (6)	5.1 (19)	9.4 (33)	22.8 (7)	10.4 (11)	0	
36081018401	New York	Queens	Jamaica	184.01	2,114	2,114	100	2,100	797	37.95	Yes	540 (68)	30 (83)	0.5 (95)	0.754 (96)	8.27 (40)	2	12.1 (91)	5.2 (21)	14.2 (82)	34.6 (66)	14.3 (54)	1	
36081018402	New York	Queens	Jamaica	184.02	2,431	2,335	96.05	2,425	594	24.49	Yes	330 (55)	30 (83)	0.5 (95)	0.756 (96)	8.29 (41)	2	11.5 (86)	5.1 (19)	14 (81)	35.6 (70)	13.7 (47)	0	
36081018501	New York	Queens	West Queens	185.01	3,182	1,919	60.31	3,174	1,277	40.23	Yes	2,200 (93)	40 (97)	0.6 (98)	1.471 (99)	9.07 (63)	3	8.5 (16)	4.9 (16)	10.7 (50)	24.1 (10)	11.7 (24)	0	
36081018502	New York	Queens	West Queens	185.02	3,367	1,797	53.37	3,358	1,085	32.31	Yes	780 (77)	40 (97)	0.6 (98)	1.47 (99)	9.08 (63)	3	8.2 (10)	4.9 (16)	8.9 (27)	22.3 (6)	11 (17)	0	
36081018600	New York	Queens	Jamaica	186	1,869	1,837	98.29	1,846	774	41.93	Yes	1,300 (86)	30 (83)	0.5 (95)	0.768 (96)	8.31 (41)	2	12.3 (92)	5.4 (24)	15.8 (89)	36.6 (75)	15.2 (64)	1	
36081018700	New York	Queens	Long Island City - Astoria	187	3,069	2,107	68.65	3,025	986	32.6	Yes	4,800 (98)	40 (97)	0.6 (98)	1.477 (99)	9.07 (63)	3	7.9 (6)	4.8 (15)	10 (41)	22.5 (7)	10.8 (15)	0	
36081018800	New York	Queens	Jamaica	188	1,449	1,431	98.76	1,449	572	39.48	Yes	700 (75)	30 (83)	0.5 (95)	0.768 (96)	8.31 (41)	2	12.1 (91)	5.2 (21)	15.7 (89)	36.6 (75)	15 (62)	1	
36081018900	New York	Queens	Long Island City - Astoria	189	3,136	2,226	70.98	3,136	879	28.03	Yes	1,200 (85)	40 (97)	0.6 (98)	1.484 (99)	9.1 (64)	3	7.9 (6)	5 (18)	11 (54)	24.3 (11)	10.6 (13)	0	
36081019000	New York	Queens	Jamaica	190	2,455	2,397	97.64	2,424	423	17.45	Yes	640 (72)	30 (83)	0.5 (95)	0.768 (96)	8.3 (41)	2	11.3 (84)	5.1 (19)	12.9 (73)	34 (62)	13.1 (40)	0	
36081019200	New York	Queens	Jamaica	192	1,969	1,943	98.68	1,969	382	19.4	Yes	1,000 (83)	30 (83)	0.5 (95)	0.769 (96)	8.32 (42)	2	11.1 (81)	5.3 (22)	13.7 (79)	33.7 (61)	12.8 (36)	0	
36081019400	New York	Queens	Jamaica	194	2,892	2,854	98.69	2,892	674	23.31	Yes	1,700 (90)	30 (83)	0.4 (81)	0.781 (96)	8.33 (42)	1	11 (79)	5.3 (22)	13.7 (79)	33.6 (60)	12.9 (37)	0	
36081019600	New York	Queens	Jamaica	196	3,050	3,020	99.02	3,027	682	22.53	Yes	440 (63)	30 (83)	0.4 (81)	0.784 (96)	8.33 (42)	1	11.5 (86)	4.7 (14)	13.2 (75)	33.5 (59)	13.9 (49)	0	
36081019800	New York	Queens	Jamaica	198	2,917	2,882	98.8	2,905	1,008	34.7	Yes	710 (75)	30 (83)	0.4 (81)	0.793 (96)	8.34 (42)	1	11.8 (89)	4.1 (7)	13.4 (77)	32.1 (51)	15.8 (70)	0	
36081019900	New York	Queens	Long Island City - Astoria	199	697	583	83.64	347	217	62.54	Yes	2,700 (94)	40 (97)	0.7 (99)	1.557 (99)	9.1 (64)	3	9.9 (54)	3.2 (2)	13.5 (77)	27 (22)	17.3 (82)	0	
36081020200	New York	Queens	Jamaica	202	1,762	1,751	99.38	1,736	493	28.4	Yes	3,500 (96)	30 (83)	0.4 (81)	0.794 (96)	8.36 (43)	1	11 (79)	4.9 (16)	12.7 (71)	31.6 (48)	13.4 (43)	0	
36081020400	New York	Queens	Jamaica	204	2,350	2,252	95.83	2,324	1,026	44.15	Yes	1,200 (85)	30 (83)	0.5 (95)	0.808 (96)	8.35 (43)	2	11.4 (85)	4.6 (12)	14.1 (81)	32 (51)	15.4 (66)	0	
36081020500	New York	Queens	West Queens	205	1,176	1,080	91.84	1,176	339	28.83	Yes	10,200 (99)	40 (97)	0.6 (98)	1.465 (99)	9.04 (62)	3	8.3 (12)	4.4 (10)	11.4 (58)	24.4 (11)	12.6 (34)	0	
36081020600	New York	Queens	Jamaica	206	1,855	1,686	90.89	1,855	680	36.66	Yes	4,000 (97)	30 (83)	0.5 (95)	0.816 (96)	8.38 (43)	2	11.3 (84)	4.3 (9)	13.4 (77)	29.1 (33)	16.5 (76)	0	
36081020800	New York	Queens	Jamaica	208	3,136	2,769	88.3	3,119	824	26.42	Yes	2,300 (93)	30 (83)	0.5 (95)	0.851 (97)	8.37 (43)	2	10.1 (60)	4.6 (12)	12.3 (68)	27.6 (25)	13.9 (49)	0	
36081021200	New York	Queens	Jamaica	212	2,434	2,240	92.03	2,359	1,225	51.93	Yes	4,200 (97)	30 (83)	0.5 (95)	0.924 (97)	8.4 (44)	2	10.6 (72)	4 (6)	14.9 (85)	26.7 (20)	17 (80)	0	

36081021400	New York	Queens	Jamaica	214	6,984	6,451	92.37	6,984	2,749	39.36	Yes	4,800 (97)	30 (83)	0.5 (95)	0.968 (97)	8.41 (44)	2	9.3 (37)	4.6 (12)	13.9 (80)	28.2 (28)	13.6 (46)	0
36081021600	New York	Queens	Southwest Queens	216	4,123	2,706	65.63	4,092	1,032	25.22	Yes	5,000 (98)	40 (97)	0.5 (95)	0.983 (97)	8.46 (45)	3	8.5 (16)	5.8 (31)	10 (41)	25.7 (16)	9.9 (8)	0
36081022001	New York	Queens	Jamaica	220.01	6,272	4,396	70.09	6,134	1,452	23.67	Yes	7,100 (99)	30 (83)	0.5 (95)	0.996 (97)	8.45 (45)	2	8.4 (14)	5.2 (21)	9.7 (37)	24.1 (10)	10.4 (11)	0
36081022002	New York	Queens	Jamaica	220.02	7,128	4,988	69.98	7,128	1,492	20.93	Yes	5,000 (98)	30 (83)	0.5 (95)	0.986 (97)	8.42 (44)	2	8.7 (21)	5.8 (31)	10.9 (52)	26.2 (18)	11.1 (18)	0
36081023000	New York	Queens	Jamaica	230	2,054	1,477	71.91	2,036	569	27.95	Yes	3,300 (96)	30 (83)	0.5 (95)	0.967 (97)	8.4 (44)	2	8.5 (16)	5.8 (31)	11.5 (59)	26.1 (18)	11.1 (18)	0
36081023200	New York	Queens	Jamaica	232	5,644	4,704	83.35	5,240	1,443	27.54	Yes	1,300 (87)	30 (83)	0.5 (95)	0.971 (97)	8.41 (44)	2	8.4 (14)	5.4 (24)	11.9 (64)	27.3 (23)	10.9 (16)	0
36081023500	New York	Queens	West Queens	235	7,766	6,837	88.04	7,766	2,506	32.27	Yes	2,400 (93)	40 (97)	0.6 (98)	1.464 (99)	9.06 (62)	3	8.3 (12)	3.8 (5)	11.5 (59)	23.6 (9)	12.8 (36)	0
36081023600	New York	Queens	Jamaica	236	3,143	2,831	90.07	3,122	1,046	33.5	Yes	810 (78)	30 (83)	0.5 (95)	0.919 (97)	8.38 (43)	2	8.1 (9)	4.2 (8)	13 (74)	25.8 (16)	11.9 (26)	0
36081023800	New York	Queens	Jamaica	238	4,516	4,424	97.96	4,486	2,273	50.67	Yes	1,200 (85)	30 (83)	0.5 (95)	0.946 (97)	8.39 (44)	2	9.3 (37)	3.7 (4)	13.1 (74)	26.3 (18)	13.9 (49)	0
36081024000	New York	Queens	Jamaica	240	6,826	6,677	97.82	6,776	3,908	57.67	Yes	1,100 (83)	30 (83)	0.5 (95)	0.911 (97)	8.37 (43)	2	9.7 (49)	4.2 (8)	14 (81)	28.4 (29)	14.1 (52)	0
36081024300	New York	Queens	West Queens	243	5,088	3,746	73.62	5,049	1,204	23.85	Yes	3,300 (96)	40 (97)	0.6 (98)	1.43 (99)	8.98 (60)	3	7.8 (5)	4.9 (16)	10.9 (52)	25.1 (13)	10.8 (15)	0
36081024500	New York	Queens	West Queens	245	4,422	2,344	53.01	4,422	1,056	23.88	Yes	3,900 (97)	40 (97)	0.6 (98)	1.436 (99)	9 (61)	3	8.1 (9)	6.7 (49)	11.6 (61)	28.9 (32)	10.4 (11)	0
36081024700	New York	Queens	West Queens	247	1,466	1,252	85.4	1,460	448	30.68	Yes	4,500 (97)	40 (97)	0.6 (98)	1.424 (99)	8.98 (60)	3	7.6 (3)	4 (6)	11.5 (59)	24.4 (11)	11.3 (20)	0
36081024900	New York	Queens	West Queens	249	4,838	3,945	81.54	4,605	1,568	34.05	Yes	1,700 (90)	40 (97)	0.6 (98)	1.436 (99)	9.01 (61)	3	7.8 (5)	4.9 (16)	11.6 (61)	24.9 (13)	11.2 (19)	0
36081025100	New York	Queens	West Queens	251	5,611	3,711	66.14	5,602	1,790	31.95	Yes	860 (79)	40 (97)	0.6 (98)	1.438 (99)	9.05 (62)	3	7.6 (3)	5.5 (26)	10.8 (51)	24.8 (12)	10 (9)	0
36081025301	New York	Queens	Long Island City - Astoria	253.01	4,386	2,762	62.97	4,374	1,412	32.28	Yes	1,000 (83)	40 (97)	0.6 (98)	1.463 (99)	9.08 (63)	3	7.9 (6)	4.5 (11)	9.3 (32)	21.8 (5)	10.6 (13)	0
36081025302	New York	Queens	West Queens	253.02	3,046	2,282	74.92	3,046	969	31.81	Yes	940 (81)	40 (97)	0.6 (98)	1.452 (99)	9.06 (62)	3	8.1 (9)	4.1 (7)	10 (41)	22.4 (6)	11.9 (26)	0
36081025400	New York	Queens	Jamaica	254	10,118	9,857	97.42	10,055	5,528	54.98	Yes	390 (60)	30 (83)	0.5 (95)	0.807 (96)	8.33 (42)	2	12.5 (93)	5.2 (21)	16.3 (91)	36.3 (74)	15.8 (70)	2
36081025500	New York	Queens	West Queens	255	1,524	1,212	79.53	1,524	423	27.76	Yes	620 (72)	40 (97)	0.6 (98)	1.43 (99)	9.06 (62)	3	7 (1)	4.7 (14)	9.5 (34)	22.5 (7)	9.3 (5)	0
36081025700	New York	Queens	West Queens	257	1,500	1,181	78.73	1,490	445	29.87	Yes	1,100 (84)	40 (97)	0.6 (98)	1.414 (99)	9.05 (62)	3	7.5 (3)	4.5 (11)	10.4 (46)	23.2 (8)	10.6 (13)	0
36081025800	New York	Queens	Jamaica	258	2,261	2,253	99.65	2,261	695	30.74	Yes	410 (61)	30 (83)	0.5 (95)	0.803 (96)	8.3 (41)	2	12.4 (93)	4.5 (11)	13.9 (80)	33.1 (57)	15.3 (65)	1
36081025900	New York	Queens	West Queens	259	3,486	2,907	83.39	3,486	1,143	32.79	Yes	1,000 (82)	40 (97)	0.6 (98)	1.423 (99)	9.04 (62)	3	7.6 (3)	3.9 (5)	10.7 (50)	23.3 (8)	11.1 (18)	0
36081026000	New York	Queens	Jamaica	260	2,757	2,719	98.62	2,757	850	30.83	Yes	250 (48)	30 (83)	0.5 (95)	0.786 (96)	8.31 (42)	2	12.1 (91)	4.1 (7)	12.8 (72)	32.3 (52)	15.4 (66)	1
36081026100	New York	Queens	West Queens	261	6,508	6,060	93.12	6,498	2,610	40.17	Yes	2,500 (94)	40 (97)	0.6 (98)	1.422 (99)	9.01 (61)	3	7.9 (6)	3.6 (3)	13 (74)	24.4 (11)	12.6 (34)	0
36081026200	New York	Queens	Jamaica	262	1,270	1,261	99.29	1,270	301	23.7	Yes	290 (52)	30 (83)	0.5 (95)	0.779 (96)	8.31 (41)	2	11.1 (81)	4.8 (15)	13.1 (74)	34.2 (63)	12.7 (35)	0
36081026300	New York	Queens	West Queens	263	5,857	5,087	86.85	5,857	2,142	36.57	Yes	4,800 (98)	40 (97)	0.6 (98)	1.422 (99)	8.99 (61)	3	7.3 (2)	3.7 (4)	11.9 (64)	23.4 (8)	11 (17)	0
36081026400	New York	Queens	Jamaica	264	2,501	2,489	99.52	2,468	1,029	41.69	Yes	460 (64)	30 (83)	0.5 (95)	0.78 (96)	8.29 (41)	2	12.3 (92)	5.8 (31)	16.8 (92)	38.1 (81)	14.8 (59)	2
36081026500	New York	Queens	West Queens	265	3,722	3,437	92.34	3,722	1,155	31.03	Yes	3,800 (97)	40 (97)	0.6 (98)	1.415 (99)	8.96 (60)	3	6.9 (1)	3.4 (3)	11.3 (57)	21.7 (5)	10.5 (12)	0
36081026600	New York	Queens	Jamaica	266	1,745	1,721	98.62	1,745	884	50.66	Yes	1,000 (82)	30 (83)	0.5 (95)	0.776 (96)	8.28 (41)	2	12.9 (95)	7.8 (76)	22.7 (99)	46.8 (96)	14.8 (59)	3
36081026700	New York	Queens	West Queens	267	5,353	4,958	92.62	5,337	2,236	41.9	Yes	1,100 (84)	40 (97)	0.6 (98)	1.396 (99)	8.93 (59)	3	7.6 (3)	3.8 (5)	13 (74)	25.3 (14)	11.6 (23)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36081026901	New York	Queens	West Queens	269.01	4,965	4,746	95.59	4,907	1,717	34.99	Yes	440 (63)	40 (97)	0.6 (98)	1.357 (99)	8.91 (58)	3	7.6 (3)	3.7 (4)	11.9 (64)	23.6 (9)	11.5 (22)	0	
36081026902	New York	Queens	West Queens	269.02	3,603	3,406	94.53	3,553	1,500	42.22	Yes	510 (67)	40 (97)	0.6 (98)	1.351 (99)	8.9 (58)	3	7.1 (1)	3.9 (5)	12.5 (69)	24 (10)	10.2 (10)	0	
36081027000	New York	Queens	Jamaica	270	2,190	2,105	96.12	2,181	516	23.66	Yes	540 (68)	30 (83)	0.5 (95)	0.768 (96)	8.3 (41)	2	12.1 (91)	4.7 (14)	14.6 (84)	36.7 (75)	14.9 (61)	1	
36081027100	New York	Queens	West Queens	271	8,428	8,075	95.81	8,428	3,435	40.76	Yes	300 (53)	40 (97)	0.6 (98)	1.341 (99)	8.88 (57)	3	8 (7)	4 (6)	13.4 (77)	24.9 (13)	12.1 (28)	0	
36081027200	New York	Queens	Jamaica	272	1,970	1,953	99.14	1,970	445	22.59	Yes	460 (64)	30 (83)	0.5 (95)	0.761 (96)	8.29 (41)	2	12.3 (92)	4.8 (15)	14.5 (84)	34.2 (63)	15.3 (65)	1	
36081027300	New York	Queens	West Queens	273	7,116	6,966	97.89	7,073	3,652	51.63	Yes	520 (68)	40 (97)	0.6 (98)	1.349 (99)	8.88 (57)	3	8.4 (14)	3.8 (5)	11.8 (63)	24.7 (12)	13.1 (40)	0	
36081027400	New York	Queens	Jamaica	274	1,718	1,718	100	1,718	449	26.14	Yes	370 (58)	30 (83)	0.5 (95)	0.761 (96)	8.28 (41)	2	11.1 (81)	5.5 (26)	13.4 (77)	34.6 (66)	12.3 (30)	0	
36081027500	New York	Queens	West Queens	275	6,820	6,474	94.93	6,657	2,883	43.31	Yes	610 (71)	40 (97)	0.6 (98)	1.35 (99)	8.89 (58)	3	8.4 (14)	4.4 (10)	13.4 (77)	26.3 (18)	12.9 (37)	0	
36081027600	New York	Queens	Jamaica	276	1,342	1,296	96.57	1,337	589	44.05	Yes	410 (61)	30 (83)	0.5 (95)	0.763 (96)	8.28 (41)	2	12 (90)	5 (18)	14.4 (83)	34.2 (63)	14.6 (57)	1	
36081027700	New York	Queens	West Queens	277	7,747	7,158	92.4	7,734	2,747	35.52	Yes	620 (72)	40 (97)	0.6 (98)	1.354 (99)	8.91 (58)	3	8.3 (12)	4.3 (9)	12.4 (69)	24.9 (13)	12.5 (33)	0	
36081027800	New York	Queens	Jamaica	278	2,339	2,328	99.53	2,339	1,151	49.21	Yes	360 (57)	30 (83)	0.5 (95)	0.753 (96)	8.26 (40)	2	13 (95)	5.5 (26)	17.3 (93)	38.5 (82)	15.9 (71)	2	
36081027900	New York	Queens	West Queens	279	6,220	5,130	82.48	6,185	2,128	34.41	Yes	370 (58)	40 (97)	0.6 (98)	1.351 (99)	8.92 (58)	3	8.4 (14)	5.3 (22)	12.7 (71)	27.5 (24)	11.6 (23)	0	
36081028000	New York	Queens	Jamaica	280	1,670	1,656	99.16	1,670	286	17.13	Yes	580 (70)	30 (83)	0.5 (95)	0.758 (96)	8.25 (40)	2	11.6 (87)	5.3 (22)	13.1 (74)	34.6 (66)	12.9 (37)	0	
36081028100	New York	Queens	West Queens	281	5,013	3,434	68.5	5,013	1,482	29.56	Yes	430 (63)	40 (97)	0.6 (98)	1.359 (99)	8.94 (59)	3	7.6 (3)	5.7 (29)	10.7 (50)	25.4 (15)	9.4 (5)	0	
36081028200	New York	Queens	Jamaica	282	1,894	1,865	98.47	1,894	388	20.49	Yes	660 (73)	30 (83)	0.5 (95)	0.747 (96)	8.23 (39)	2	11.3 (84)	5.4 (24)	12.9 (73)	34.7 (66)	12.3 (30)	0	
36081028300	New York	Queens	West Queens	283	7,508	5,923	78.89	7,508	2,374	31.62	Yes	370 (59)	40 (97)	0.6 (98)	1.366 (99)	8.94 (59)	3	7.8 (5)	5.1 (19)	10.9 (52)	24.9 (13)	10.1 (9)	0	
36081028400	New York	Queens	Jamaica	284	4,166	4,148	99.57	4,055	834	20.57	Yes	390 (59)	30 (83)	0.5 (95)	0.75 (96)	8.24 (40)	2	12 (90)	5.3 (22)	14.8 (85)	36.1 (73)	13.8 (48)	1	
36081028500	New York	Queens	West Queens	285	4,987	3,160	63.36	4,952	1,817	36.69	Yes	340 (56)	40 (97)	0.6 (98)	1.372 (99)	8.96 (60)	3	8.8 (23)	6.6 (47)	13.3 (76)	29.3 (34)	11.3 (20)	0	
36081028700	New York	Queens	West Queens	287	6,293	4,423	70.28	6,293	1,840	29.24	Yes	550 (69)	40 (97)	0.6 (98)	1.375 (99)	8.97 (60)	3	8 (7)	5.6 (27)	11.6 (61)	25.9 (17)	10.5 (12)	0	
36081028800	New York	Queens	Jamaica	288	4,616	4,576	99.13	4,616	1,280	27.73	Yes	350 (56)	30 (83)	0.5 (95)	0.753 (96)	8.26 (40)	2	11.4 (85)	5.1 (19)	13.7 (79)	35.3 (69)	13.4 (43)	0	
36081028900	New York	Queens	West Queens	289	5,158	3,819	74.04	5,158	1,844	35.75	Yes	1,800 (91)	40 (97)	0.6 (98)	1.373 (99)	8.99 (61)	3	7.8 (5)	5.4 (24)	12.3 (68)	26.1 (18)	10.6 (13)	0	
36081029100	New York	Queens	West Queens	291	6,368	5,687	89.31	6,073	2,211	36.41	Yes	4,100 (97)	40 (97)	0.6 (98)	1.378 (99)	9.01 (61)	3	7.4 (2)	4.9 (16)	12.6 (70)	26.6 (20)	10.5 (12)	0	
36081029300	New York	Queens	West Queens	293	1,090	984	90.28	1,090	253	23.21	Yes	4,200 (97)	40 (97)	0.6 (98)	1.39 (99)	9.03 (62)	3	7.2 (1)	3.9 (5)	11.4 (58)	23 (7)	10.8 (15)	0	
36081029400	New York	Queens	Jamaica	294	7,000	6,896	98.51	6,774	2,060	30.41	Yes	3,200 (96)	30 (83)	0.5 (95)	0.741 (95)	8.22 (39)	2	11.3 (84)	5.4 (24)	13.5 (77)	35.5 (70)	12.5 (33)	0	
36081029500	New York	Queens	West Queens	295	3,602	2,301	63.88	3,594	604	16.81	Yes	1,000 (82)	40 (97)	0.6 (98)	1.362 (99)	9.09 (63)	3	8 (7)	5.7 (29)	9.8 (38)	24.6 (12)	10.1 (9)	0	

36081029700	New York	Queens	West Queens	297	2,038	1,478	72.52	2,011	500	24.86	Yes	2,400 (94)	40 (97)	0.6 (98)	1.35 (99)	9.08 (63)	3	8 (7)	5 (18)	10.1 (42)	24.4 (11)	10.8 (15)	0
36081030600	New York	Queens	Jamaica	306	4,760	4,603	96.7	4,581	1,429	31.19	Yes	4,600 (97)	30 (83)	0.5 (95)	0.718 (95)	8.2 (38)	2	11.7 (88)	5.1 (19)	13.8 (79)	35 (68)	13.3 (42)	0
36081030902	New York	Queens	West Queens	309.02	6,590	5,387	81.75	6,547	2,738	41.82	Yes	3,000 (95)	40 (97)	0.6 (98)	1.326 (98)	9.04 (62)	3	8 (7)	5 (18)	12.4 (69)	25.7 (16)	11.4 (21)	0
36081030903	New York	Queens	West Queens	309.03	5,722	5,163	90.23	5,699	1,559	27.36	Yes	470 (64)	40 (97)	0.6 (98)	1.323 (98)	9 (61)	3	7.6 (3)	4.5 (11)	11.9 (64)	24.5 (12)	10.7 (14)	0
36081030904	New York	Queens	West Queens	309.04	3,179	2,219	69.8	3,179	1,008	31.71	Yes	1,800 (91)	40 (97)	0.7 (99)	1.311 (98)	9.03 (62)	3	8.3 (12)	5.5 (26)	12.7 (71)	27.2 (23)	11.4 (21)	0
36081032000	New York	Queens	Southeast Queens	320	4,930	4,825	97.87	4,201	1,080	25.71	Yes	2,100 (92)	30 (83)	0.6 (98)	0.664 (94)	8.13 (36)	2	11.8 (89)	4.6 (12)	12.8 (72)	32.1 (51)	13.9 (49)	0
36081032700	New York	Queens	West Queens	327	3,702	3,331	89.98	3,668	1,454	39.64	Yes	530 (68)	40 (97)	0.6 (98)	1.337 (99)	8.98 (60)	3	8 (7)	4 (6)	11.9 (64)	23.2 (8)	12.2 (29)	0
36081032800	New York	Queens	Southeast Queens	328	2,769	2,742	99.02	2,711	461	17	Yes	1,200 (86)	30 (83)	0.5 (95)	0.659 (94)	8.14 (37)	2	11.1 (81)	5.2 (21)	12 (65)	34.3 (64)	11.7 (24)	0
36081032900	New York	Queens	West Queens	329	3,244	2,829	87.21	3,237	1,010	31.2	Yes	750 (76)	40 (97)	0.7 (99)	1.333 (98)	8.98 (60)	3	8.4 (14)	4.4 (10)	12.6 (70)	25.1 (13)	12.2 (29)	0
36081033000	New York	Queens	Jamaica	330	7,192	7,119	98.99	7,162	1,579	22.05	Yes	2,600 (94)	30 (83)	0.5 (95)	0.684 (95)	8.16 (37)	2	11.3 (84)	5.4 (24)	13.5 (77)	35.2 (69)	12.4 (32)	0
36081033401	New York	Queens	Jamaica	334.01	3,767	3,743	99.36	3,681	692	18.8	Yes	680 (74)	30 (83)	0.5 (95)	0.722 (95)	8.19 (38)	2	11.4 (85)	5.1 (19)	13.2 (75)	35.1 (68)	12.8 (36)	0
36081033402	New York	Queens	Jamaica	334.02	12,854	12,783	99.45	12,854	2,912	22.65	Yes	200 (42)	30 (83)	0.5 (95)	0.729 (95)	8.19 (38)	2	12 (90)	7 (56)	16.3 (91)	41.1 (88)	12.1 (28)	2
36081033700	New York	Queens	West Queens	337	2,999	2,836	94.56	2,999	910	30.34	Yes	640 (73)	40 (97)	0.6 (98)	1.344 (99)	8.96 (60)	3	7.9 (6)	4 (6)	11.1 (55)	23 (7)	11.7 (24)	0
36081033900	New York	Queens	West Queens	339	2,677	2,147	80.2	2,672	1,301	48.69	Yes	750 (76)	40 (97)	0.7 (99)	1.355 (99)	8.95 (59)	3	8.5 (16)	5 (18)	14.1 (81)	27.5 (24)	12.3 (30)	0
36081034700	New York	Queens	West Queens	347	2,966	2,696	90.9	2,783	929	33.38	Yes	1,700 (90)	40 (97)	0.7 (99)	1.353 (99)	8.97 (60)	3	8.8 (23)	4.4 (10)	12.8 (72)	26.4 (19)	12.6 (34)	0
36081035100	New York	Queens	West Queens	351	3,737	3,237	86.62	3,737	1,550	41.48	Yes	1,000 (83)	40 (97)	0.7 (99)	1.357 (99)	8.92 (59)	3	8.6 (18)	5.3 (22)	13.9 (80)	27.3 (23)	12 (27)	0
36081035200	New York	Queens	Southeast Queens	352	2,780	2,604	93.67	2,774	697	25.13	Yes	650 (73)	30 (83)	0.5 (95)	0.682 (94)	8.15 (37)	2	11.8 (89)	5.7 (29)	14.6 (84)	37.1 (77)	13.2 (41)	0
36081035300	New York	Queens	West Queens	353	2,273	2,153	94.72	2,243	919	40.97	Yes	1,200 (85)	40 (97)	0.7 (99)	1.35 (99)	8.91 (58)	3	9.1 (31)	4.2 (8)	13.3 (76)	27.2 (23)	13.6 (46)	0
36081035700	New York	Queens	West Queens	357	3,710	3,175	85.58	3,200	1,153	36.03	Yes	3,000 (95)	40 (97)	0.7 (99)	1.355 (99)	8.92 (59)	3	9.8 (52)	6.6 (47)	15.6 (88)	34.4 (64)	12.4 (32)	0
36081035800	New York	Queens	Southeast Queens	358	4,179	4,110	98.35	4,173	630	15.1	Yes	620 (72)	30 (83)	0.5 (95)	0.657 (94)	8.12 (36)	2	11.6 (87)	5.5 (26)	14 (81)	36.3 (74)	12.5 (33)	0
36081036100	New York	Queens	West Queens	361	2,238	2,165	96.74	2,229	1,159	52	Yes	950 (81)	40 (97)	0.7 (99)	1.349 (99)	8.91 (58)	3	10.1 (60)	4.5 (11)	14.4 (83)	30.3 (40)	14.1 (52)	0
36081036300	New York	Queens	West Queens	363	1,771	1,705	96.27	1,751	689	39.35	Yes	870 (79)	40 (97)	0.7 (99)	1.347 (99)	8.88 (57)	3	9.3 (37)	3.6 (3)	11.3 (57)	26.2 (18)	13.2 (41)	0
36081036500	New York	Queens	West Queens	365	2,992	2,921	97.63	2,978	1,422	47.75	Yes	1,100 (84)	40 (97)	0.7 (99)	1.345 (99)	8.85 (57)	3	9.4 (40)	3.3 (2)	12.1 (66)	24.8 (12)	14.8 (59)	0
36081036600	New York	Queens	Jamaica	366	2,731	2,714	99.38	2,722	803	29.5	Yes	740 (76)	30 (83)	0.5 (95)	0.726 (95)	8.2 (38)	2	11.6 (87)	6.5 (45)	15.4 (88)	39.2 (84)	12.3 (30)	0
36081036700	New York	Queens	West Queens	367	2,178	2,098	96.33	2,147	986	45.92	Yes	1,500 (88)	40 (97)	0.7 (99)	1.346 (99)	8.88 (57)	3	10.2 (62)	5 (18)	14.7 (85)	31.8 (49)	13.2 (41)	0
36081036800	New York	Queens	Jamaica	368	2,495	2,473	99.12	2,495	483	19.36	Yes	830 (78)	30 (83)	0.5 (95)	0.735 (95)	8.2 (39)	2	11.5 (86)	5.6 (27)	14.1 (81)	35.4 (70)	12.4 (32)	0
36081037100	New York	Queens	West Queens	371	1,335	1,316	98.58	1,335	454	34.01	Yes	5,700 (98)	40 (97)	0.7 (99)	1.345 (99)	8.85 (57)	3	9.9 (54)	5.5 (26)	14.3 (82)	32.7 (55)	11.9 (26)	0
36081037300	New York	Queens	West Queens	373	2,255	2,191	97.16	2,249	850	37.79	Yes	4,900 (98)	40 (97)	0.7 (99)	1.342 (99)	8.81 (55)	3	9.4 (40)	3.9 (5)	12.5 (69)	27.1 (22)	13.6 (46)	0
36081037500	New York	Queens	West Queens	375	4,116	4,023	97.74	4,105	1,942	47.31	Yes	780 (77)	40 (97)	0.6 (98)	1.346 (99)	8.85 (57)	3	8.8 (23)	3.5 (3)	12.4 (69)	24.4 (11)	14.1 (52)	0
36081037600	New York	Queens	Jamaica	376	6,121	6,081	99.35	6,121	918	15	Yes	340 (56)	30 (83)	0.5 (95)	0.706 (95)	8.18 (38)	2	11.5 (86)	5.8 (31)	13.5 (77)	36.1 (73)	12.3 (30)	0



## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36081037700	New York	Queens	West Queens	377	3,620	3,603	99.53	3,553	1,188	33.44	Yes	630 (72)	40 (97)	0.7 (99)	1.349 (99)	8.87 (57)	3	9.2 (34)	3.1 (2)	10.1 (42)	21.6 (5)	14.9 (61)	0	
36081037900	New York	Queens	West Queens	379	6,851	6,788	99.08	6,794	3,430	50.49	Yes	580 (70)	40 (97)	0.6 (98)	1.344 (99)	8.83 (56)	3	8.9 (26)	2.9 (2)	10.1 (42)	21.6 (5)	14.6 (57)	0	
36081038100	New York	Queens	West Queens	381	7,216	7,037	97.52	7,119	3,852	54.11	Yes	2,700 (94)	40 (97)	0.7 (99)	1.334 (99)	8.78 (55)	3	9.3 (37)	3.5 (3)	11.9 (64)	25.4 (15)	14.7 (58)	0	
36081038400	New York	Queens	Jamaica	384	2,411	2,398	99.46	2,343	516	22.02	Yes	640 (73)	30 (83)	0.5 (95)	0.718 (95)	8.17 (38)	2	11.6 (87)	5.8 (31)	13.9 (80)	37.5 (78)	12.6 (34)	0	
36081039400	New York	Queens	Jamaica	394	2,986	2,969	99.43	2,979	730	24.5	Yes	440 (63)	30 (83)	0.5 (95)	0.734 (95)	8.19 (38)	2	11.3 (84)	5.6 (27)	14.1 (81)	36.7 (75)	12.3 (30)	0	
36081039800	New York	Queens	Jamaica	398	1,675	1,651	98.57	1,675	276	16.48	Yes	430 (62)	30 (83)	0.5 (95)	0.78 (96)	8.23 (39)	2	10.9 (77)	5.5 (26)	11.8 (63)	33.8 (61)	11.1 (18)	0	
36081039900	New York	Queens	West Queens	399	3,862	3,816	98.81	3,786	1,586	41.89	Yes	4,800 (98)	40 (97)	0.6 (98)	1.319 (98)	8.74 (54)	3	8.6 (18)	3 (2)	10.8 (51)	21.8 (5)	14.2 (53)	0	
36081040000	New York	Queens	Jamaica	400	1,529	1,517	99.22	1,500	280	18.67	Yes	210 (43)	30 (83)	0.5 (95)	0.786 (96)	8.24 (40)	2	11 (79)	5.7 (29)	13.2 (75)	35.2 (69)	11.4 (21)	0	
36081040100	New York	Queens	West Queens	401	7,686	7,662	99.69	7,616	4,289	56.32	Yes	1,800 (90)	40 (97)	0.6 (98)	1.329 (98)	8.76 (54)	3	9 (28)	3 (2)	12 (65)	22.1 (6)	15.6 (68)	0	
36081040200	New York	Queens	Jamaica	402	1,640	1,631	99.45	1,640	446	27.2	Yes	220 (45)	30 (83)	0.5 (95)	0.791 (96)	8.25 (40)	2	11.4 (85)	5.7 (29)	14.9 (85)	37.5 (78)	12.3 (30)	0	
36081040300	New York	Queens	West Queens	403	7,324	7,283	99.44	7,324	3,586	48.96	Yes	270 (50)	40 (97)	0.6 (98)	1.336 (99)	8.78 (55)	3	8.5 (16)	2.8 (1)	10.9 (52)	21.2 (5)	14.7 (58)	0	
36081040400	New York	Queens	Jamaica	404	4,138	4,099	99.06	4,105	1,025	24.97	Yes	470 (64)	30 (83)	0.5 (95)	0.798 (96)	8.27 (41)	2	11.4 (85)	5.6 (27)	14.5 (84)	37.3 (78)	12.9 (37)	0	
36081040500	New York	Queens	West Queens	405	3,377	3,347	99.11	3,241	1,515	46.74	Yes	290 (52)	40 (97)	0.6 (98)	1.34 (99)	8.8 (55)	3	8.9 (26)	3.1 (2)	11.7 (62)	23.4 (8)	15.3 (65)	0	
36081040700	New York	Queens	West Queens	407	9,109	8,869	97.37	8,901	5,110	57.41	Yes	410 (61)	40 (97)	0.6 (98)	1.346 (99)	8.82 (56)	3	8.9 (26)	3.1 (2)	12 (65)	23.4 (8)	15.2 (64)	0	
36081040900	New York	Queens	West Queens	409	5,560	5,492	98.78	5,511	2,837	51.48	Yes	540 (68)	40 (97)	0.6 (98)	1.346 (99)	8.83 (56)	3	9.6 (46)	3 (2)	12.3 (68)	23.5 (9)	16.7 (77)	0	
36081041100	New York	Queens	West Queens	411	3,775	3,743	99.15	3,768	1,714	45.49	Yes	660 (73)	40 (97)	0.6 (98)	1.33 (98)	8.79 (55)	3	8.5 (16)	3.3 (2)	11.5 (59)	22.9 (7)	13.9 (49)	0	
36081041300	New York	Queens	West Queens	413	4,696	4,626	98.51	4,589	2,778	60.54	Yes	220 (44)	40 (97)	0.6 (98)	1.322 (98)	8.77 (54)	3	9.2 (34)	3.4 (3)	12.6 (70)	23.4 (8)	15.7 (69)	0	
36081041400	New York	Queens	Jamaica	414	4,551	4,416	97.03	4,543	1,977	43.52	Yes	200 (42)	30 (83)	0.5 (95)	0.809 (96)	8.29 (41)	2	12.4 (93)	4.8 (15)	14.3 (82)	34.4 (64)	15.3 (65)	1	
36081041500	New York	Queens	West Queens	415	4,358	4,060	93.16	4,236	2,133	50.35	Yes	380 (59)	40 (97)	0.6 (98)	1.322 (98)	8.74 (54)	3	8.9 (26)	3.7 (4)	12.9 (73)	25.2 (14)	14.9 (61)	0	
36081042400	New York	Queens	Jamaica	424	2,414	2,403	99.54	2,319	507	21.86	Yes	210 (43)	30 (83)	0.5 (95)	0.79 (96)	8.25 (40)	2	10.9 (77)	6.4 (43)	13.8 (79)	37.6 (79)	10.6 (13)	0	
36081042600	New York	Queens	Jamaica	426	477	307	64.36	128	128	100	Yes	410 (61)	30 (83)	0.4 (81)	0.758 (96)	8.23 (39)	1	10.2 (62)	12.1 (99)	42.8 (100)	70.3 (100)	14.6 (57)	3	
36081042700	New York	Queens	West Queens	427	4,955	4,763	96.13	4,859	2,418	49.76	Yes	520 (67)	40 (97)	0.6 (98)	1.303 (98)	8.71 (53)	3	9.1 (31)	3.8 (5)	13 (74)	24.5 (12)	14.8 (59)	0	
36081043200	New York	Queens	Jamaica	432	1,244	1,244	100	1,227	231	18.83	Yes	700 (74)	30 (83)	0.5 (95)	0.773 (96)	8.24 (40)	2	11 (79)	5.6 (27)	13.5 (77)	35.7 (71)	11.7 (24)	0	
36081043400	New York	Queens	Jamaica	434	1,795	1,729	96.32	1,795	226	12.59	Yes	450 (64)	30 (83)	0.5 (95)	0.797 (96)	8.27 (41)	2	11.2 (82)	6.1 (37)	14.4 (83)	37.8 (80)	11.9 (26)	0	
36081043701	New York	Queens	West Queens	437.01	2,686	2,344	87.27	2,294	944	41.15	Yes	6,200 (98)	40 (97)	0.6 (98)	1.287 (98)	8.67 (52)	3	8.8 (23)	6.8 (52)	15.7 (89)	34.1 (63)	12.3 (30)	0	

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

36081043702	New York	Queens	West Queens	437.02	7,125	6,556	92.01	7,052	3,998	56.69	Yes	2,400 (93)	40 (97)	0.6 (98)	1.307 (98)	8.7 (53)	3	9.2 (34)	4.6 (12)	15.6 (88)	27.3 (23)	13.8 (48)	0
36081043900	New York	Queens	West Queens	439	3,610	3,454	95.68	3,600	2,019	56.08	Yes	660 (73)	40 (97)	0.6 (98)	1.307 (98)	8.71 (53)	3	9.3 (37)	3.5 (3)	12.8 (72)	24.4 (11)	15.7 (69)	0
36081044000	New York	Queens	Jamaica	440	3,980	3,922	98.54	3,974	1,146	28.84	Yes	250 (47)	30 (83)	0.5 (95)	0.818 (96)	8.3 (41)	2	12 (90)	4.7 (14)	13.1 (74)	32.5 (54)	14.8 (59)	1
36081044301	New York	Queens	West Queens	443.01	3,719	3,571	96.02	3,718	1,986	53.42	Yes	300 (53)	40 (97)	0.6 (98)	1.318 (98)	8.74 (54)	3	9.6 (46)	5.2 (21)	16.2 (90)	30.6 (42)	14.6 (57)	1
36081044302	New York	Queens	West Queens	443.02	4,076	3,961	97.18	4,076	2,016	49.46	Yes	1,200 (86)	40 (97)	0.6 (98)	1.323 (98)	8.76 (54)	3	8.4 (14)	4 (6)	14.4 (83)	26.4 (19)	12.4 (32)	0
36081044400	New York	Queens	Jamaica	444	3,529	3,393	96.15	3,526	1,778	50.43	Yes	620 (72)	30 (83)	0.5 (95)	0.825 (96)	8.3 (41)	2	10.9 (77)	4.9 (16)	15.7 (89)	31 (45)	15.8 (70)	0
36081044601	New York	Queens	Jamaica	446.01	3,361	3,335	99.23	3,360	1,408	41.9	Yes	1,000 (83)	30 (83)	0.5 (95)	0.851 (97)	8.35 (43)	2	9.4 (40)	5.1 (19)	13.9 (80)	31.1 (45)	11.7 (24)	0
36081044602	New York	Queens	Jamaica	446.02	4,961	4,855	97.86	4,757	2,923	61.45	Yes	1,200 (85)	30 (83)	0.5 (95)	0.874 (97)	8.37 (43)	2	10.1 (60)	3.9 (5)	14.6 (84)	29.6 (36)	14.4 (55)	0
36081044800	New York	Queens	Jamaica	448	2,809	2,641	94.02	2,796	1,355	48.46	Yes	890 (80)	30 (83)	0.5 (95)	0.912 (97)	8.38 (43)	2	8.9 (26)	4.4 (10)	15 (86)	27.6 (25)	13 (39)	0
36081045000	New York	Queens	Jamaica	450	2,167	1,762	81.31	2,167	415	19.15	Yes	5,500 (98)	30 (83)	0.5 (95)	0.945 (97)	8.39 (44)	2	7.3 (2)	5 (18)	9.9 (40)	24.1 (10)	9.2 (4)	0
36081045200	New York	Queens	Jamaica	452	1,335	1,135	85.02	966	209	21.64	Yes	3,900 (97)	30 (83)	0.5 (95)	0.891 (97)	8.37 (43)	2	7.7 (4)	10.8 (98)	14.1 (81)	39.1 (84)	8.3 (1)	1
36081045400	New York	Queens	Jamaica	454	4,779	4,510	94.37	4,779	2,108	44.11	Yes	1,300 (87)	30 (83)	0.5 (95)	0.857 (97)	8.36 (43)	2	8 (7)	3.9 (5)	13 (74)	25.6 (15)	11 (17)	0
36081045500	New York	Queens	West Queens	455	14,284	12,794	89.57	14,186	6,656	46.92	Yes	5,100 (98)	40 (97)	0.6 (98)	1.315 (98)	8.74 (54)	3	11 (79)	5.2 (21)	14.4 (83)	32.4 (53)	13.9 (49)	0
36081045600	New York	Queens	Jamaica	456	1,446	1,388	95.99	1,446	406	28.08	Yes	3,100 (95)	30 (83)	0.5 (95)	0.849 (97)	8.36 (43)	2	7.6 (3)	4.4 (10)	12.8 (72)	25.1 (13)	10.3 (11)	0
36081045700	New York	Queens	West Queens	457	3,281	3,042	92.72	3,206	928	28.95	Yes	920 (80)	40 (97)	0.6 (98)	1.33 (98)	8.79 (55)	3	7 (1)	4.2 (8)	12.2 (67)	23.4 (8)	10 (9)	0
36081045800	New York	Queens	Jamaica	458	2,348	2,066	87.99	2,348	656	27.94	Yes	1,600 (89)	30 (83)	0.5 (95)	0.843 (96)	8.35 (43)	2	7.1 (1)	4.8 (15)	11.5 (59)	25.2 (14)	8.5 (2)	0
36081045900	New York	Queens	West Queens	459	3,719	3,625	97.47	3,698	907	24.53	Yes	440 (63)	40 (97)	0.6 (98)	1.333 (98)	8.8 (55)	3	7.2 (1)	3.7 (4)	11.8 (63)	24.6 (12)	10.6 (13)	0
36081046000	New York	Queens	Jamaica	460	6,049	5,969	98.68	6,049	2,939	48.59	Yes	1,400 (88)	30 (83)	0.5 (95)	0.839 (96)	8.35 (42)	2	9.5 (43)	4.4 (10)	14.9 (85)	30.4 (41)	13.6 (46)	0
36081046100	New York	Queens	West Queens	461	2,464	2,274	92.29	2,442	942	38.57	Yes	650 (73)	40 (97)	0.6 (98)	1.333 (98)	8.82 (56)	3	7.8 (5)	3.4 (3)	12.6 (70)	23.5 (9)	12.6 (34)	0
36081046200	New York	Queens	Jamaica	462	6,907	6,770	98.02	6,589	2,712	41.16	Yes	1,200 (85)	30 (83)	0.5 (95)	0.831 (96)	8.34 (42)	2	9.2 (34)	4.7 (14)	13.6 (78)	29.7 (37)	12.7 (35)	0
36081046300	New York	Queens	West Queens	463	3,836	3,769	98.25	3,828	1,708	44.62	Yes	430 (63)	40 (97)	0.6 (98)	1.333 (99)	8.83 (56)	3	7.7 (4)	3.2 (2)	10.7 (50)	22.7 (7)	12.1 (28)	0
36081046400	New York	Queens	Jamaica	464	1,999	1,723	86.19	1,630	345	21.17	Yes	1,600 (89)	30 (83)	0.5 (95)	0.835 (96)	8.35 (42)	2	9.1 (31)	4.7 (14)	9.4 (33)	23.6 (9)	11.1 (18)	0
36081046500	New York	Queens	West Queens	465	4,172	4,136	99.14	4,094	1,721	42.04	Yes	610 (71)	40 (97)	0.6 (98)	1.34 (99)	8.83 (56)	3	7.8 (5)	3.2 (2)	10.5 (47)	22 (6)	12.6 (34)	0
36081046600	New York	Queens	Jamaica	466	3,882	3,482	89.7	3,882	1,040	26.79	Yes	1,200 (85)	30 (83)	0.5 (95)	0.83 (96)	8.33 (42)	2	8.5 (16)	5.8 (31)	11.5 (59)	30.4 (41)	9.7 (7)	0
36081046700	New York	Queens	West Queens	467	5,895	5,738	97.34	5,788	3,379	58.38	Yes	260 (49)	40 (97)	0.6 (98)	1.339 (99)	8.85 (57)	3	8.5 (16)	3.8 (5)	15.2 (87)	27.2 (23)	13.9 (49)	0
36081046800	New York	Queens	Jamaica	468	3,340	3,302	98.86	3,340	1,021	30.57	Yes	940 (81)	30 (83)	0.5 (95)	0.823 (96)	8.32 (42)	2	9.6 (46)	4.6 (12)	13.3 (76)	27.6 (25)	13.2 (41)	0
36081046900	New York	Queens	West Queens	469	8,207	8,120	98.94	8,207	3,869	47.14	Yes	260 (49)	40 (97)	0.6 (98)	1.339 (99)	8.87 (57)	3	7.9 (6)	4.1 (7)	13.8 (79)	26.6 (20)	12 (27)	0
36081047000	New York	Queens	Jamaica	470	3,197	3,163	98.94	3,197	1,071	33.5	Yes	580 (70)	30 (83)	0.5 (95)	0.816 (96)	8.31 (42)	2	10.1 (60)	4.8 (15)	14.5 (84)	28.7 (31)	14.1 (52)	0
36081047100	New York	Queens	West Queens	471	4,320	4,230	97.92	4,320	2,302	53.29	Yes	740 (76)	40 (97)	0.6 (98)	1.335 (99)	8.84 (56)	3	7.3 (2)	3.8 (5)	13.5 (77)	24.1 (10)	11.4 (21)	0
36081047200	New York	Queens	Jamaica	472	3,664	2,845	77.65	3,299	605	18.34	Yes	1,300 (86)	30 (83)	0.5 (95)	0.827 (96)	8.32 (42)	2	8.8 (23)	6.9 (54)	13.8 (79)	33.2 (58)	10.1 (9)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36081047300	New York	Queens	West Queens	473	4,328	3,625	83.76	4,279	1,478	34.54	Yes	1,100 (84)	40 (97)	0.6 (98)	1.336 (99)	8.83 (56)	3	7.3 (2)	4.8 (15)	13.5 (77)	25.8 (16)	10 (9)	0	
36081047500	New York	Queens	West Queens	475	4,301	4,014	93.33	4,301	1,346	31.3	Yes	3,300 (96)	40 (97)	0.6 (98)	1.335 (99)	8.81 (55)	3	7 (1)	4.2 (8)	12.1 (66)	24.2 (11)	9.9 (8)	0	
36081047600	New York	Queens	Jamaica	476	1,419	978	68.92	1,419	109	7.68	Yes	2,600 (94)	30 (83)	0.5 (95)	0.825 (96)	8.33 (42)	2	8.2 (10)	6.9 (54)	10.7 (50)	28 (27)	9 (3)	0	
36081047800	New York	Queens	Jamaica	478	4,925	4,105	83.35	4,923	1,351	27.44	Yes	950 (81)	30 (83)	0.5 (95)	0.808 (96)	8.3 (41)	2	9.3 (37)	6.4 (43)	13.2 (75)	31.2 (46)	10.6 (13)	0	
36081047900	New York	Queens	West Queens	479	5,115	4,664	91.18	5,104	2,281	44.69	Yes	880 (80)	40 (97)	0.6 (98)	1.357 (99)	8.87 (57)	3	7.5 (3)	4.5 (11)	14 (81)	26.6 (20)	11 (17)	0	
36081048000	New York	Queens	Jamaica	480	2,293	2,232	97.34	2,293	658	28.7	Yes	590 (70)	30 (83)	0.5 (95)	0.815 (96)	8.3 (41)	2	9.4 (40)	5 (18)	13.5 (77)	28.7 (31)	12.5 (33)	0	
36081048100	New York	Queens	West Queens	481	6,434	5,996	93.19	6,160	3,043	49.4	Yes	460 (64)	40 (97)	0.6 (98)	1.369 (99)	8.9 (58)	3	8.1 (9)	4 (6)	14.5 (84)	27 (22)	12.7 (35)	0	
36081048200	New York	Queens	Jamaica	482	1,427	1,356	95.02	1,358	424	31.22	Yes	470 (64)	30 (83)	0.5 (95)	0.811 (96)	8.29 (41)	2	9.8 (52)	5.9 (33)	14.5 (84)	31.8 (49)	11.8 (25)	0	
36081048300	New York	Queens	West Queens	483	3,888	3,640	93.62	3,888	1,718	44.19	Yes	2,000 (92)	40 (97)	0.6 (98)	1.41 (99)	8.95 (59)	3	7.3 (2)	3.8 (5)	12.1 (66)	23.4 (8)	11.1 (18)	0	
36081048400	New York	Queens	Jamaica	484	5,140	5,052	98.29	5,140	622	12.1	Yes	580 (70)	30 (83)	0.5 (95)	0.791 (96)	8.27 (41)	2	9.5 (43)	4.9 (16)	11.6 (61)	27.6 (25)	11.8 (25)	0	
36081048500	New York	Queens	West Queens	485	4,366	4,028	92.26	4,366	1,563	35.8	Yes	880 (80)	40 (97)	0.6 (98)	1.365 (99)	8.9 (58)	3	6.8 (0)	4.2 (8)	12.4 (69)	24.5 (12)	9.4 (5)	0	
36081048900	New York	Queens	West Queens	489	1,610	1,469	91.24	1,610	461	28.63	Yes	540 (68)	40 (97)	0.6 (98)	1.404 (99)	8.93 (59)	3	7.7 (4)	4.4 (10)	11.3 (57)	24.1 (10)	11.1 (18)	0	
36081049200	New York	Queens	Southeast Queens	492	5,444	5,080	93.31	5,437	1,005	18.48	Yes	3,600 (96)	30 (83)	0.5 (95)	0.807 (96)	8.29 (41)	2	10.2 (62)	5.4 (24)	13.2 (75)	32.1 (51)	12 (27)	0	
36081049301	New York	Queens	West Queens	493.01	2,209	1,441	65.23	2,209	643	29.11	Yes	380 (59)	40 (97)	0.6 (98)	1.401 (99)	8.92 (59)	3	8.5 (16)	5.9 (33)	11.6 (61)	26.5 (19)	11.7 (24)	0	
36081049302	New York	Queens	West Queens	493.02	3,068	1,960	63.89	2,833	614	21.67	Yes	4,100 (97)	40 (97)	0.6 (98)	1.377 (99)	8.89 (58)	3	8.6 (18)	6.6 (47)	10.2 (43)	27.3 (23)	11.5 (22)	0	
36081049600	New York	Queens	Southeast Queens	496	3,146	3,053	97.04	3,146	555	17.64	Yes	600 (71)	30 (83)	0.5 (95)	0.773 (96)	8.26 (40)	2	9.8 (52)	5 (18)	12.4 (69)	29 (33)	12.3 (30)	0	
36081049700	New York	Queens	West Queens	497	3,131	2,060	65.79	3,131	873	27.88	Yes	870 (79)	40 (97)	0.6 (98)	1.374 (99)	8.89 (58)	3	8.3 (12)	5.4 (24)	10.9 (52)	24.3 (11)	11.4 (21)	0	
36081049900	New York	Queens	West Queens	499	5,260	4,523	85.99	5,260	1,813	34.47	Yes	2,000 (92)	40 (97)	0.6 (98)	1.356 (99)	8.85 (57)	3	7.5 (3)	4.6 (12)	12.2 (67)	25 (13)	10.8 (15)	0	
36081050000	New York	Queens	Jamaica	500	4,279	4,137	96.68	3,914	1,325	33.85	Yes	460 (64)	30 (83)	0.5 (95)	0.795 (96)	8.27 (41)	2	11.8 (89)	5.2 (21)	14.8 (85)	36.5 (75)	14.6 (57)	0	
36081050201	New York	Queens	Jamaica	502.01	1,384	1,384	100	1,384	385	27.82	Yes	450 (64)	30 (83)	0.5 (95)	0.791 (96)	8.26 (40)	2	11.4 (85)	5.2 (21)	12.4 (69)	31.2 (46)	12.9 (37)	0	
36081050202	New York	Queens	Jamaica	502.02	1,421	1,401	98.59	1,404	371	26.42	Yes	300 (53)	30 (83)	0.5 (95)	0.786 (96)	8.26 (40)	2	11.4 (85)	5.3 (22)	14.1 (81)	35.4 (70)	13.5 (44)	0	
36081050400	New York	Queens	Jamaica	504	1,818	1,767	97.19	1,810	470	25.97	Yes	490 (66)	30 (83)	0.5 (95)	0.79 (96)	8.25 (40)	2	11 (79)	5.4 (24)	13.6 (78)	36.3 (74)	12.5 (33)	0	
36081050500	New York	Queens	Ridgewood - Forest Hills	505	1,529	856	55.98	1,529	500	32.7	Yes	4,000 (97)	40 (97)	0.6 (98)	1.329 (98)	8.79 (55)	3	7.8 (5)	5.3 (22)	10.1 (42)	23.7 (9)	10.2 (10)	0	
36081050600	New York	Queens	Jamaica	506	1,421	1,421	100	1,421	401	28.22	Yes	120 (31)	30 (83)	0.5 (95)	0.781 (96)	8.24 (40)	2	11.8 (89)	5.8 (31)	15.3 (87)	38.3 (81)	13.6 (46)	0	
36081050700	New York	Queens	Ridgewood - Forest Hills	507	4,102	2,263	55.17	4,102	1,598	38.96	Yes	3,100 (95)	40 (97)	0.6 (98)	1.35 (99)	8.83 (56)	3	8.8 (23)	6.3 (41)	11.2 (56)	26.8 (21)	11.8 (25)	0	

36081050800	New York	Queens	Jamaica	508	2,008	1,958	97.51	1,999	383	19.16	Yes	190 (40)	30 (83)	0.5 (95)	0.764 (96)	8.23 (39)	2	11.6 (87)	5.6 (27)	14.2 (82)	36 (72)	13 (39)	0
36081051000	New York	Queens	Jamaica	510	1,816	1,769	97.41	1,797	350	19.48	Yes	610 (71)	30 (83)	0.5 (95)	0.76 (96)	8.24 (40)	2	10.8 (76)	5.7 (29)	13.5 (77)	35.1 (68)	11.5 (22)	0
36081051200	New York	Queens	Southeast Queens	512	2,512	2,503	99.64	2,481	473	19.06	Yes	550 (69)	30 (83)	0.5 (95)	0.744 (96)	8.23 (39)	2	11.5 (86)	5.6 (27)	14.7 (85)	37.2 (77)	12.8 (36)	0
36081051600	New York	Queens	Southeast Queens	516	2,183	2,171	99.45	2,175	563	25.89	Yes	280 (51)	30 (83)	0.5 (95)	0.725 (95)	8.2 (38)	2	11.9 (90)	5.8 (31)	15.8 (89)	39.3 (84)	13.3 (42)	1
36081051800	New York	Queens	Jamaica	518	2,181	2,180	99.95	2,181	277	12.7	Yes	130 (33)	30 (83)	0.5 (95)	0.739 (95)	8.2 (39)	2	11.6 (87)	5.5 (26)	13.6 (78)	37.9 (80)	12.5 (33)	0
36081052000	New York	Queens	Jamaica	520	1,410	1,393	98.79	1,393	179	12.85	Yes	45 (16)	30 (83)	0.5 (95)	0.75 (96)	8.21 (39)	2	11.7 (88)	5.6 (27)	14.1 (81)	36.6 (75)	12.8 (36)	0
36081052100	New York	Queens	West Queens	521	2,253	745	33.07	2,244	669	29.81	Yes	1,000 (82)	40 (97)	0.6 (98)	1.388 (99)	8.92 (59)	3	9.1 (31)	5.8 (31)	9.6 (36)	25.7 (16)	12.7 (35)	0
36081052200	New York	Queens	Jamaica	522	1,760	1,760	100	1,760	239	13.58	Yes	32 (13)	30 (83)	0.5 (95)	0.761 (96)	8.22 (39)	2	10.9 (77)	5.8 (31)	12.7 (71)	35.6 (70)	11 (17)	0
36081052400	New York	Queens	Jamaica	524	1,988	1,988	100	1,985	366	18.44	Yes	210 (43)	30 (83)	0.5 (95)	0.782 (96)	8.24 (40)	2	11.6 (87)	5.7 (29)	14 (81)	36.3 (74)	12.7 (35)	0
36081052500	New York	Queens	West Queens	525	2,543	1,136	44.67	2,543	798	31.38	Yes	700 (75)	40 (97)	0.6 (98)	1.345 (99)	8.95 (59)	3	9.2 (34)	6 (35)	10.1 (42)	26.1 (18)	12.8 (36)	0
36081052600	New York	Queens	Jamaica	526	1,933	1,791	92.65	1,933	409	21.16	Yes	150 (35)	30 (83)	0.5 (95)	0.766 (96)	8.22 (39)	2	11.6 (87)	5.4 (24)	13.7 (79)	37 (77)	13.1 (40)	0
36081052800	New York	Queens	Jamaica	528	1,434	1,434	100	1,434	281	19.6	Yes	320 (55)	30 (83)	0.5 (95)	0.755 (96)	8.2 (38)	2	11.8 (89)	5.6 (27)	14.6 (84)	38.6 (82)	13.1 (40)	0
36081053000	New York	Queens	Jamaica	530	2,473	2,441	98.71	2,473	420	16.98	Yes	53 (18)	30 (83)	0.5 (95)	0.732 (95)	8.19 (38)	2	10.9 (77)	5.9 (33)	13.1 (74)	36.5 (75)	11.2 (19)	0
36081053100	New York	Queens	West Queens	531	3,417	1,453	42.52	3,398	1,090	32.08	Yes	1,700 (90)	40 (97)	0.6 (98)	1.405 (99)	8.96 (60)	3	9.2 (34)	5.7 (29)	9.2 (31)	24.2 (11)	12.8 (36)	0
36081053200	New York	Queens	Jamaica	532	1,996	1,985	99.45	1,973	495	25.09	Yes	310 (53)	30 (83)	0.5 (95)	0.727 (95)	8.19 (38)	2	11.7 (88)	6.1 (37)	15.2 (87)	37.5 (78)	12.2 (29)	0
36081053401	New York	Queens	Southeast Queens	534.01	2,125	2,090	98.35	2,119	412	19.44	Yes	260 (49)	30 (83)	0.5 (95)	0.719 (95)	8.18 (38)	2	11.6 (87)	5.9 (33)	14.3 (82)	36.1 (73)	12.2 (29)	0
36081053500	New York	Queens	West Queens	535	1,432	1,008	70.39	1,432	494	34.5	Yes	680 (74)	40 (97)	0.5 (95)	1.103 (98)	8.98 (60)	3	8.8 (23)	4.5 (11)	9.9 (40)	23.1 (8)	13.2 (41)	0
36081053601	New York	Queens	Southeast Queens	536.01	2,099	2,073	98.76	2,099	290	13.82	Yes	210 (44)	30 (83)	0.5 (95)	0.725 (95)	8.2 (38)	2	11.4 (85)	5.8 (31)	14.7 (85)	37.9 (80)	12.6 (34)	0
36081053800	New York	Queens	Southeast Queens	538	1,781	1,774	99.61	1,781	395	22.18	Yes	150 (35)	30 (83)	0.5 (95)	0.722 (95)	8.19 (38)	2	11.1 (81)	5.5 (26)	13.8 (79)	34.5 (65)	12.4 (32)	0
36081053900	New York	Queens	Ridgewood - Forest Hills	539	4,433	3,032	68.4	4,420	998	22.58	Yes	420 (62)	40 (97)	0.5 (95)	1.068 (97)	8.97 (60)	3	7.9 (6)	4.4 (10)	10.2 (43)	23 (7)	10.9 (16)	0
36081054000	New York	Queens	Southeast Queens	540	4,290	4,260	99.3	4,264	1,248	29.27	Yes	620 (72)	30 (83)	0.5 (95)	0.728 (95)	8.21 (39)	2	11.6 (87)	5.1 (19)	14.6 (84)	35.2 (69)	13.9 (49)	0
36081054200	New York	Queens	Southeast Queens	542	4,737	4,348	91.79	4,731	864	18.26	Yes	550 (69)	30 (83)	0.5 (95)	0.753 (96)	8.25 (40)	2	9.5 (43)	5 (18)	12.3 (68)	28.5 (30)	12.2 (29)	0
36081054500	New York	Queens	Ridgewood - Forest Hills	545	4,039	3,077	76.18	4,039	1,608	39.81	Yes	470 (64)	40 (97)	0.5 (95)	1.056 (97)	8.93 (59)	3	9.1 (31)	3.9 (5)	9.8 (38)	22.7 (7)	14 (50)	0
36081054700	New York	Queens	Ridgewood - Forest Hills	547	5,048	3,963	78.51	5,005	2,057	41.1	Yes	700 (75)	40 (97)	0.5 (95)	1.054 (97)	8.91 (58)	3	8.6 (18)	3.6 (3)	10.6 (49)	22.2 (6)	13.2 (41)	0
36081054800	New York	Queens	Southeast Queens	548	2,354	2,324	98.73	2,354	465	19.75	Yes	1,100 (84)	30 (83)	0.5 (95)	0.799 (96)	8.27 (41)	2	9.2 (34)	4.8 (15)	13 (74)	28.1 (27)	11.7 (24)	0
36081054900	New York	Queens	Ridgewood - Forest Hills	549	6,437	5,038	78.27	6,409	2,405	37.53	Yes	640 (73)	40 (97)	0.5 (95)	1.052 (97)	8.9 (58)	3	8.9 (26)	3.6 (3)	10 (41)	21.4 (5)	13.7 (47)	0
36081055100	New York	Queens	Ridgewood - Forest Hills	551	4,244	2,522	59.43	4,242	1,327	31.28	Yes	500 (66)	40 (97)	0.5 (95)	1.032 (97)	8.88 (57)	3	8.8 (23)	4.7 (14)	9.1 (29)	22.7 (7)	12.5 (33)	0
36081055200	New York	Queens	Southeast Queens	552	2,955	2,800	94.75	2,880	1,000	34.72	Yes	3,900 (97)	30 (83)	0.5 (95)	0.818 (96)	8.29 (41)	2	9.5 (43)	5.6 (27)	14.8 (85)	32.1 (51)	12.1 (28)	0
36081055300	New York	Queens	Ridgewood - Forest Hills	553	2,786	2,274	81.62	2,786	1,208	43.36	Yes	520 (67)	40 (97)	0.5 (95)	1.03 (97)	8.89 (58)	3	8.6 (18)	3.8 (5)	12.4 (69)	24.6 (12)	12.8 (36)	0
36081055400	New York	Queens	Southeast Queens	554	2,530	2,128	84.11	2,530	743	29.37	Yes	370 (58)	30 (83)	0.5 (95)	0.78 (96)	8.26 (40)	2	9 (28)	5.4 (24)	13.8 (79)	28.8 (31)	12.1 (28)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens						
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile	
36081055500	New York	Queens	Ridgewood - Forest Hills	555	2,335	1,837	78.67	2,295	853	37.17	Yes	580 (70)	40 (97)	0.5 (95)	1.021 (97)	8.87 (57)	3	8.6 (18)	4.1 (7)	10.9 (52)	23.4 (8)	12.6 (34)	0	
36081055600	New York	Queens	Southeast Queens	556	2,282	2,103	92.16	2,246	501	22.31	Yes	190 (40)	30 (83)	0.5 (95)	0.789 (96)	8.26 (40)	2	8.8 (23)	5.2 (21)	13.3 (76)	27.5 (24)	11.5 (22)	0	
36081055700	New York	Queens	Ridgewood - Forest Hills	557	4,275	3,030	70.88	4,275	1,610	37.66	Yes	590 (70)	40 (97)	0.5 (95)	1.019 (97)	8.85 (56)	3	8.6 (18)	4.5 (11)	10.5 (47)	23.6 (9)	12.5 (33)	0	
36081055800	New York	Queens	Southeast Queens	558	1,702	1,481	87.02	1,702	248	14.57	Yes	95 (26)	30 (83)	0.5 (95)	0.758 (96)	8.24 (40)	2	9.3 (37)	5 (18)	11.7 (62)	27 (22)	11.8 (25)	0	
36081055900	New York	Queens	Ridgewood - Forest Hills	559	1,184	974	82.26	1,179	544	46.14	Yes	550 (69)	40 (97)	0.5 (95)	1.02 (97)	8.85 (57)	3	8.6 (18)	3.9 (5)	10.5 (47)	22.7 (7)	12.5 (33)	0	
36081056000	New York	Queens	Southeast Queens	560	1,809	1,521	84.08	1,809	599	33.11	Yes	300 (52)	30 (83)	0.5 (95)	0.769 (96)	8.23 (39)	2	8.5 (16)	5.1 (19)	12.6 (70)	27.9 (26)	11.6 (23)	0	
36081056100	New York	Queens	Ridgewood - Forest Hills	561	17	17	100	17	0	0	Yes	230 (46)	40 (97)	0.5 (95)	1.005 (97)	8.76 (54)	3	7.5 (3)	6.2 (39)	9.1 (29)	23.9 (10)	9 (3)	0	
36081056200	New York	Queens	Southeast Queens	562	1,631	1,343	82.34	1,631	404	24.77	Yes	310 (53)	30 (83)	0.5 (95)	0.764 (96)	8.22 (39)	2	9 (28)	5.2 (21)	11.8 (63)	27.2 (23)	12.1 (28)	0	
36081056400	New York	Queens	Southeast Queens	564	1,178	1,012	85.91	1,178	215	18.25	Yes	530 (68)	30 (83)	0.5 (95)	0.748 (96)	8.22 (39)	2	9.4 (40)	4.9 (16)	13.3 (76)	26.5 (19)	13.3 (42)	0	
36081056500	New York	Queens	Ridgewood - Forest Hills	565	1,569	1,227	78.2	1,569	516	32.89	Yes	360 (57)	40 (97)	0.5 (95)	1.018 (97)	8.83 (56)	3	8.7 (21)	3.9 (5)	10 (41)	23.2 (8)	12.6 (34)	0	
36081056600	New York	Queens	Southeast Queens	566	1,316	1,189	90.35	1,316	255	19.38	Yes	370 (58)	30 (83)	0.5 (95)	0.741 (95)	8.23 (39)	2	10 (57)	4.9 (16)	13 (74)	29 (33)	13.6 (46)	0	
36081056700	New York	Queens	Ridgewood - Forest Hills	567	5,175	3,612	69.8	5,167	543	10.51	Yes	410 (61)	40 (97)	0.5 (95)	1.015 (97)	8.81 (55)	3	8.7 (21)	5.4 (24)	9.6 (36)	23.7 (9)	11.7 (24)	0	
36081056800	New York	Queens	Southeast Queens	568	5,039	4,777	94.8	4,996	1,126	22.54	Yes	1,800 (91)	30 (83)	0.5 (95)	0.722 (95)	8.19 (38)	2	10.6 (72)	5.3 (22)	13.1 (74)	32.5 (54)	12.4 (32)	0	
36081057700	New York	Queens	Ridgewood - Forest Hills	577	4,169	1,808	43.37	4,169	1,236	29.65	Yes	640 (72)	40 (97)	0.5 (95)	1.016 (97)	8.81 (55)	3	9.1 (31)	5.5 (26)	9.3 (32)	24.6 (12)	12.6 (34)	0	
36081058000	New York	Queens	Southeast Queens	580	4,140	4,106	99.18	4,067	1,182	29.06	Yes	1,800 (91)	30 (83)	0.5 (95)	0.707 (95)	8.15 (37)	2	11.3 (84)	5.7 (29)	14.7 (85)	36.6 (75)	12.5 (33)	0	
36081058100	New York	Queens	Ridgewood - Forest Hills	581	3,048	1,431	46.95	3,048	1,081	35.47	Yes	440 (63)	40 (97)	0.5 (95)	1.029 (97)	8.83 (56)	3	8.9 (26)	5.8 (31)	9.1 (29)	24.1 (10)	11.9 (26)	0	
36081058200	New York	Queens	Southeast Queens	582	4,838	4,725	97.66	4,774	1,130	23.67	Yes	300 (52)	30 (83)	0.5 (95)	0.714 (95)	8.18 (38)	2	11.2 (82)	6 (35)	14 (81)	36.7 (75)	11.9 (26)	0	
36081058500	New York	Queens	Ridgewood - Forest Hills	585	4,464	2,254	50.49	4,464	1,346	30.15	Yes	420 (62)	40 (97)	0.5 (95)	1.04 (97)	8.86 (57)	3	8.7 (21)	5.3 (22)	9 (28)	23.5 (9)	12.1 (28)	0	
36081058700	New York	Queens	Ridgewood - Forest Hills	587	3,550	1,059	29.83	3,550	1,127	31.75	Yes	380 (59)	40 (97)	0.5 (95)	1.041 (97)	8.87 (57)	3	9.6 (46)	5.7 (29)	10.2 (43)	25.6 (15)	13.7 (47)	0	
36081058900	New York	Queens	Ridgewood - Forest Hills	589	5,296	2,568	48.49	5,227	2,107	40.31	Yes	230 (46)	40 (97)	0.5 (95)	1.051 (97)	8.9 (58)	3	9.4 (40)	4.7 (14)	9.2 (31)	24.1 (10)	13.9 (49)	0	
36081059000	New York	Queens	Southeast Queens	590	1,466	1,444	98.5	1,466	318	21.69	Yes	110 (29)	30 (83)	0.5 (95)	0.709 (95)	8.16 (37)	2	11.1 (81)	6.1 (37)	13.3 (76)	37.4 (78)	11 (17)	0	
36081059100	New York	Queens	Ridgewood - Forest Hills	591	5,736	3,123	54.45	5,736	1,101	19.19	Yes	180 (40)	40 (97)	0.5 (95)	1.055 (97)	8.93 (59)	3	8.5 (16)	4.4 (10)	8.2 (18)	21.2 (5)	11.7 (24)	0	
36081059200	New York	Queens	Southeast Queens	592	1,516	1,516	100	1,507	100	6.64	Yes	1,900 (91)	30 (83)	0.5 (95)	0.701 (95)	8.13 (36)	2	10.9 (77)	6.4 (43)	14.7 (85)	38.7 (82)	11 (17)	0	
36081059400	New York	Queens	Southeast Queens	594	1,768	1,756	99.32	1,768	149	8.43	Yes	1,200 (85)	30 (83)	0.5 (95)	0.703 (95)	8.13 (36)	2	10.7 (74)	6.3 (41)	13.7 (79)	38.2 (81)	10.6 (13)	0	
36081059500	New York	Queens	West Queens	595	5,533	2,887	52.18	5,531	1,576	28.49	Yes	640 (73)	40 (97)	0.5 (95)	1.091 (98)	8.93 (59)	3	8.7 (21)	5.1 (19)	9.3 (32)	23.8 (9)	12.2 (29)	0	



36081059600	New York	Queens	Southeast Queens	596	1,272	1,255	98.66	1,272	256	20.13	Yes	150 (35)	30 (83)	0.5 (95)	0.709 (95)	8.15 (37)	2	10.8 (76)	6.4 (43)	14.5 (84)	37.8 (80)	10.7 (14)	0
36081059800	New York	Queens	Southeast Queens	598	1,798	1,774	98.67	1,790	236	13.18	Yes	300 (53)	30 (83)	0.5 (95)	0.71 (95)	8.16 (37)	2	10.6 (72)	5.8 (31)	12.6 (70)	35.1 (68)	10.6 (13)	0
36081059900	New York	Queens	West Queens	599	1,255	382	30.44	1,250	346	27.68	Yes	580 (70)	40 (97)	0.6 (98)	1.271 (98)	8.92 (58)	3	9.2 (34)	6.5 (45)	9.5 (34)	26.4 (19)	12.2 (29)	0
36081060000	New York	Queens	Southeast Queens	600	1,102	1,094	99.27	1,102	89	8.08	Yes	520 (67)	30 (83)	0.5 (95)	0.702 (95)	8.13 (36)	2	10.6 (72)	7 (56)	14.3 (82)	39.8 (86)	10.2 (10)	0
36081060100	New York	Queens	West Queens	601	2,324	1,185	50.99	2,310	572	24.76	Yes	1,000 (83)	40 (97)	0.6 (98)	1.158 (98)	8.91 (58)	3	9.4 (40)	5.6 (27)	9 (28)	23.6 (9)	13.3 (42)	0
36081060300	New York	Queens	Ridgewood - Forest Hills	603	2,095	869	41.48	2,088	611	29.26	Yes	1,100 (84)	40 (97)	0.6 (98)	1.125 (98)	8.89 (57)	3	9.2 (34)	6.3 (41)	9.6 (36)	24.4 (11)	12.2 (29)	0
36081060600	New York	Queens	Southeast Queens	606	1,351	1,345	99.56	1,351	93	6.88	Yes	190 (41)	30 (83)	0.5 (95)	0.701 (95)	8.12 (36)	2	10.7 (74)	6.4 (43)	14 (81)	37.5 (78)	10.6 (13)	0
36081060800	New York	Queens	Southeast Queens	608	1,564	1,506	96.29	1,557	174	11.18	Yes	510 (67)	30 (83)	0.5 (95)	0.71 (95)	8.14 (37)	2	11.1 (81)	6.4 (43)	14.3 (82)	38.8 (83)	11.3 (20)	0
36081061000	New York	Queens	Southeast Queens	610	1,551	1,542	99.42	1,551	172	11.09	Yes	530 (68)	30 (83)	0.5 (95)	0.709 (95)	8.14 (37)	2	10.6 (72)	6.8 (52)	13.7 (79)	37.5 (78)	10.1 (9)	0
36081061200	New York	Queens	Southeast Queens	612	2,022	2,022	100	2,022	28	1.38	Yes	91 (26)	30 (83)	0.5 (95)	0.69 (95)	8.12 (36)	2	10.2 (62)	6.8 (52)	13.9 (80)	38.4 (82)	9.6 (6)	0
36081061301	New York	Queens	Ridgewood - Forest Hills	613.01	5,742	2,686	46.78	5,726	1,612	28.15	Yes	400 (60)	40 (97)	0.5 (95)	1.047 (97)	8.84 (56)	3	9.2 (34)	5.6 (27)	9.1 (29)	24.3 (11)	12.7 (35)	0
36081061400	New York	Queens	Southeast Queens	614	1,414	1,411	99.79	1,414	132	9.34	Yes	1,700 (90)	30 (83)	0.5 (95)	0.678 (94)	8.09 (35)	2	10.7 (74)	6.6 (47)	14.5 (84)	38.8 (83)	10.6 (13)	0
36081061601	New York	Queens	Southeast Queens	616.01	2,145	2,104	98.09	2,145	235	10.96	Yes	1,900 (91)	30 (83)	0.4 (81)	0.656 (94)	8.07 (35)	1	11 (79)	6.4 (43)	14.5 (84)	38.2 (81)	11.1 (18)	0
36081061602	New York	Queens	Southeast Queens	616.02	1,118	1,094	97.85	1,118	54	4.83	Yes	3,300 (96)	30 (83)	0.4 (81)	0.633 (94)	8.05 (34)	1	10.7 (74)	5.9 (33)	12.7 (71)	35.2 (69)	10.8 (15)	0
36081061800	New York	Queens	Southeast Queens	618	1,796	1,731	96.38	1,747	209	11.96	Yes	1,400 (88)	30 (83)	0.4 (81)	0.639 (94)	8.08 (35)	1	10.7 (74)	6.3 (41)	13.4 (77)	36.8 (76)	10.6 (13)	0
36081062000	New York	Queens	Southeast Queens	620	1,431	1,406	98.25	1,425	66	4.63	Yes	440 (63)	30 (83)	0.4 (81)	0.653 (94)	8.1 (36)	1	10.4 (67)	6.6 (47)	13.6 (78)	36.8 (76)	9.6 (6)	0
36081062200	New York	Queens	Southeast Queens	622	2,083	2,068	99.28	2,077	270	13	Yes	2,500 (94)	30 (83)	0.5 (95)	0.689 (95)	8.1 (36)	2	10.7 (74)	6.6 (47)	13.9 (80)	37.8 (80)	10.3 (11)	0
36081062600	New York	Queens	Southeast Queens	626	2,805	2,774	98.89	2,799	576	20.58	Yes	560 (69)	30 (83)	0.4 (81)	0.668 (94)	8.13 (36)	1	11.1 (81)	6.1 (37)	14.3 (82)	38 (80)	11.6 (23)	0
36081062700	New York	Queens	Ridgewood - Forest Hills	627	2,944	1,491	50.65	2,944	723	24.56	Yes	310 (53)	40 (97)	0.5 (95)	1.014 (97)	8.79 (55)	3	9.4 (40)	5.8 (31)	9.4 (33)	25.6 (15)	13.1 (40)	0
36081063000	New York	Queens	Southeast Queens	630	1,503	1,478	98.34	1,503	103	6.85	Yes	300 (53)	30 (83)	0.4 (81)	0.651 (94)	8.11 (36)	1	11 (79)	6.2 (39)	13.9 (80)	37.3 (78)	11.2 (19)	0
36081063200	New York	Queens	Southeast Queens	632	2,601	2,562	98.5	2,593	364	14.04	Yes	430 (62)	30 (83)	0.4 (81)	0.641 (94)	8.09 (35)	1	11 (79)	6.1 (37)	14.1 (81)	37.3 (78)	11.1 (18)	0
36081063500	New York	Queens	Ridgewood - Forest Hills	635	2,551	820	32.14	2,547	782	30.7	Yes	1,800 (91)	40 (97)	0.5 (95)	0.985 (97)	8.68 (52)	3	9.3 (37)	7.3 (64)	10.7 (50)	28.6 (30)	12.2 (29)	0
36081063800	New York	Queens	Southeast Queens	638	3,516	3,408	96.93	3,515	684	19.46	Yes	1,100 (84)	30 (83)	0.4 (81)	0.626 (93)	8.04 (34)	1	10.6 (72)	5.5 (26)	11.9 (64)	32.2 (52)	11.5 (22)	0
36081064600	New York	Queens	Southeast Queens	646	2,976	2,959	99.43	2,969	633	21.32	Yes	510 (67)	30 (83)	0.4 (81)	0.641 (94)	8.09 (35)	1	11 (79)	6.4 (43)	14.9 (85)	39.3 (84)	11.2 (19)	0
36081065000	New York	Queens	Southeast Queens	650	2,742	2,666	97.23	2,726	358	13.13	Yes	1,800 (90)	30 (83)	0.4 (81)	0.641 (94)	8.09 (35)	1	10.6 (72)	6.3 (41)	13.2 (75)	36.5 (75)	10.5 (12)	0
36081065600	New York	Queens	Southeast Queens	654	3,782	3,746	99.05	3,718	785	21.11	Yes	1,200 (85)	30 (83)	0.4 (81)	0.629 (93)	8.04 (34)	1	11.3 (84)	4.9 (16)	12.1 (66)	31.9 (50)	13 (39)	0
36081065600	New York	Queens	Southeast Queens	656	4,966	4,768	96.01	4,952	1,198	24.19	Yes	660 (73)	30 (83)	0.4 (81)	0.608 (93)	8 (33)	1	11.1 (81)	5 (18)	11.9 (64)	32.5 (54)	12.2 (29)	0
36081066000	New York	Queens	Southeast Queens	660	3,318	3,196	96.32	3,317	1,130	34.07	Yes	150 (35)	30 (83)	0.4 (81)	0.615 (93)	8 (33)	1	11.6 (87)	5 (18)	13.2 (75)	32.4 (53)	13.6 (46)	0
36081066400	New York	Queens	Southeast Queens	664	9,980	9,605	96.24	9,888	1,257	12.71	Yes	170 (38)	30 (83)	0.4 (81)	0.608 (93)	8.02 (33)	1	11.1 (81)	5 (18)	11.6 (61)	32.2 (52)	12.3 (30)	0
36081067900	New York	Queens	Ridgewood - Forest Hills	679	4,344	2,425	55.82	3,964	1,851	46.7	Yes	1,700 (90)	40 (97)	0.6 (98)	1.318 (98)	8.75 (54)	3	9.1 (31)	8.2 (83)	13.9 (80)	33 (57)	11.6 (23)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36081068000	New York	Queens	Southeast Queens	680	5,299	5,285	99.74	5,294	824	15.56	Yes	3,100 (95)	30 (83)	0.5 (95)	0.642 (94)	8.08 (35)	2	11.4 (85)	5.6 (27)	13.5 (77)	35.4 (70)	12.3 (30)	0
36081068200	New York	Queens	Southeast Queens	682	994	984	98.99	975	132	13.54	Yes	3,700 (96)	30 (83)	0.5 (95)	0.646 (94)	8.1 (36)	2	11.1 (81)	6 (35)	14.7 (85)	38.3 (81)	11.8 (25)	0
36081068300	New York	Queens	West Queens	683	3,970	3,512	88.46	3,953	1,217	30.79	Yes	8,500 (99)	40 (97)	0.6 (98)	1.324 (98)	8.78 (54)	3	7.4 (2)	5.2 (21)	13.5 (77)	26.4 (19)	9.6 (6)	0
36081068700	New York	Queens	Ridgewood - Forest Hills	687	4,188	2,673	63.83	4,188	1,113	26.58	Yes	8,200 (99)	40 (97)	0.6 (98)	1.322 (98)	8.76 (54)	3	7.7 (4)	5.5 (26)	10.9 (52)	25.4 (15)	9.7 (7)	0
36081069000	New York	Queens	Southeast Queens	690	3,752	3,638	96.96	3,741	804	21.49	Yes	380 (59)	30 (83)	0.5 (95)	0.646 (94)	8.09 (35)	2	11.4 (85)	5.3 (22)	13.2 (75)	35.2 (69)	12.4 (32)	0
36081069300	New York	Queens	Ridgewood - Forest Hills	693	3,151	2,129	67.57	3,151	955	30.31	Yes	1,900 (91)	40 (97)	0.6 (98)	1.311 (98)	8.72 (53)	3	8.6 (18)	5.5 (26)	11.6 (61)	25.8 (16)	11.6 (23)	0
36081069400	New York	Queens	Southeast Queens	694	3,455	3,331	96.41	3,427	829	24.19	Yes	380 (59)	30 (83)	0.5 (95)	0.631 (93)	8.06 (34)	2	11.5 (86)	5.1 (19)	13 (74)	33.9 (62)	12.9 (37)	0
36081069500	New York	Queens	Ridgewood - Forest Hills	695	2,211	1,193	53.96	2,196	613	27.91	Yes	1,500 (88)	40 (97)	0.6 (98)	1.315 (98)	8.74 (54)	3	7.9 (6)	6.1 (37)	11.5 (59)	26.7 (20)	10 (9)	0
36081069701	New York	Queens	Ridgewood - Forest Hills	697.01	4,322	2,632	60.9	4,322	1,079	24.97	Yes	500 (66)	40 (97)	0.6 (98)	1.3 (98)	8.7 (52)	3	8.1 (9)	6.1 (37)	9.8 (38)	25 (13)	9.8 (7)	0
36081069702	New York	Queens	Ridgewood - Forest Hills	697.02	3,518	2,052	58.33	3,518	522	14.84	Yes	840 (79)	40 (97)	0.6 (98)	1.298 (98)	8.7 (53)	3	7.5 (3)	6.5 (45)	10.7 (50)	26.2 (18)	9 (3)	0
36081070300	New York	Queens	Ridgewood - Forest Hills	703	2,103	1,145	54.45	2,103	444	21.11	Yes	1,500 (89)	40 (97)	0.6 (98)	1.272 (98)	8.66 (52)	3	8.4 (14)	6.6 (47)	11.6 (61)	28.8 (31)	10.8 (15)	0
36081070700	New York	Queens	Ridgewood - Forest Hills	707	2,547	1,321	51.86	2,538	360	14.18	Yes	690 (74)	40 (97)	0.6 (98)	1.256 (98)	8.64 (51)	3	7.4 (2)	7 (56)	10.4 (46)	27.7 (25)	8.3 (1)	0
36081070900	New York	Queens	Ridgewood - Forest Hills	709	2,869	1,582	55.14	2,858	335	11.72	Yes	220 (44)	40 (97)	0.6 (98)	1.266 (98)	8.64 (51)	3	7.4 (2)	6.3 (41)	9.8 (38)	24.9 (13)	8.5 (2)	0
36081071304	New York	Queens	Ridgewood - Forest Hills	713.04	6,054	2,680	44.27	6,054	1,981	32.72	Yes	410 (61)	40 (97)	0.6 (98)	1.283 (98)	8.66 (51)	3	8.8 (23)	8.1 (82)	11.6 (61)	30.5 (42)	10.6 (13)	0
36081071305	New York	Queens	Ridgewood - Forest Hills	713.05	4,862	2,464	50.68	4,862	730	15.01	Yes	650 (73)	40 (97)	0.6 (98)	1.255 (98)	8.63 (50)	3	7.6 (3)	6.3 (41)	8 (16)	23.4 (8)	8.5 (2)	0
36081071306	New York	Queens	Ridgewood - Forest Hills	713.06	6,361	3,434	53.99	6,361	927	14.57	Yes	350 (56)	40 (97)	0.6 (98)	1.288 (98)	8.67 (52)	3	7.7 (4)	6 (35)	8.1 (17)	22.7 (7)	9 (3)	0
36081071701	New York	Queens	Ridgewood - Forest Hills	717.01	4,805	2,649	55.13	4,805	1,717	35.73	Yes	2,200 (93)	40 (97)	0.6 (98)	1.309 (98)	8.71 (53)	3	8.4 (14)	7.4 (66)	11.4 (58)	28.1 (27)	9.9 (8)	0
36081071702	New York	Queens	Ridgewood - Forest Hills	717.02	3,915	2,730	69.73	3,915	1,031	26.33	Yes	6,500 (98)	40 (97)	0.6 (98)	1.317 (98)	8.73 (53)	3	8 (7)	6.5 (45)	12.1 (66)	27.9 (26)	9.4 (5)	0
36081071900	New York	Queens	Ridgewood - Forest Hills	719	2,438	1,315	53.94	2,438	725	29.74	Yes	2,600 (94)	40 (97)	0.6 (98)	1.289 (98)	8.68 (52)	3	9.2 (34)	6.2 (39)	11.9 (64)	28.1 (27)	12.4 (32)	0
36081072100	New York	Queens	Ridgewood - Forest Hills	721	4,579	1,990	43.46	4,531	1,535	33.88	Yes	470 (64)	40 (97)	0.6 (98)	1.287 (98)	8.67 (52)	3	8.8 (23)	6.8 (52)	11.7 (62)	28.5 (30)	11.4 (21)	0
36081072900	New York	Queens	Ridgewood - Forest Hills	729	1,437	792	55.11	1,428	160	11.2	Yes	440 (63)	40 (97)	0.6 (98)	1.187 (98)	8.61 (50)	3	7.5 (3)	7 (56)	10.1 (42)	26.7 (20)	8.3 (1)	0
36081073900	New York	Queens	Ridgewood - Forest Hills	739	5,425	2,917	53.77	5,266	667	12.67	Yes	1,000 (82)	40 (97)	0.5 (95)	1.089 (98)	8.58 (49)	3	7.6 (3)	8 (80)	8.6 (23)	26.2 (18)	8 (1)	0
36081074300	New York	Queens	Ridgewood - Forest Hills	743	4,082	1,998	48.95	4,082	1,116	27.34	Yes	1,100 (84)	40 (97)	0.6 (98)	1.265 (98)	8.64 (51)	3	8.1 (9)	6.7 (49)	10.5 (47)	27.3 (23)	10.1 (9)	0
36081074500	New York	Queens	Ridgewood - Forest Hills	745	4,014	1,577	39.29	4,014	1,443	35.95	Yes	5,200 (98)	40 (97)	0.6 (98)	1.286 (98)	8.66 (51)	3	8.9 (26)	7.6 (71)	12.6 (70)	31.4 (47)	10.9 (16)	0
36081074700	New York	Queens	Ridgewood - Forest Hills	747	3,705	2,804	75.68	3,705	943	25.45	Yes	6,500 (98)	40 (97)	0.6 (98)	1.197 (98)	8.61 (50)	3	7.7 (4)	5.5 (26)	11.5 (59)	25.6 (15)	9.5 (6)	0

Appendix 17D: Technical Memorandum –  
Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

36081075701	New York	Queens	Ridgewood - Forest Hills	757.01	5,022	2,792	55.6	5,022	627	12.49	Yes	2,300 (93)	30 (83)	0.5 (95)	1.017 (97)	8.52 (47)	2	7.2 (1)	6.5 (45)	8 (16)	23.4 (8)	7.5 (0)	0
36081076901	New York	Queens	Ridgewood - Forest Hills	769.01	4,407	2,365	53.66	4,407	547	12.41	Yes	1,700 (90)	40 (97)	0.5 (95)	1.017 (97)	8.53 (47)	3	7.8 (5)	6.2 (39)	7.5 (12)	21.9 (6)	8.6 (2)	0
36081076902	New York	Queens	Ridgewood - Forest Hills	769.02	1,186	690	58.18	1,186	281	23.69	Yes	4,200 (97)	40 (97)	0.5 (95)	1.011 (97)	8.51 (47)	3	7.6 (3)	5.5 (26)	8 (16)	21.9 (6)	9.2 (4)	0
36081077904	New York	Queens	Fresh Meadows	779.04	5,781	2,565	44.37	5,700	1,997	35.04	Yes	1,500 (89)	30 (83)	0.5 (95)	0.994 (97)	8.43 (45)	2	8.4 (14)	5.4 (24)	9.5 (34)	23.6 (9)	11.2 (19)	0
36081077905	New York	Queens	Jamaica	779.05	2,626	1,731	65.92	2,497	407	16.3	Yes	5,400 (98)	30 (83)	0.5 (95)	0.992 (97)	8.42 (44)	2	8 (7)	6.4 (43)	10.3 (45)	26.5 (19)	8.9 (3)	0
36081077906	New York	Queens	Fresh Meadows	779.06	3,388	1,698	50.12	3,369	849	25.2	Yes	370 (58)	30 (83)	0.5 (95)	1 (97)	8.45 (45)	2	8.3 (12)	5.7 (29)	9.7 (37)	24.6 (12)	10.5 (12)	0
36081077907	New York	Queens	Fresh Meadows	779.07	3,500	880	25.14	3,330	1,474	44.26	Yes	210 (44)	30 (83)	0.5 (95)	0.998 (97)	8.45 (45)	2	9.8 (52)	5.2 (21)	9.5 (34)	23.9 (10)	14.5 (56)	0
36081077908	New York	Queens	Fresh Meadows	779.08	3,760	2,781	73.96	3,494	1,947	55.72	Yes	150 (36)	30 (83)	0.5 (95)	0.995 (97)	8.43 (45)	2	10.1 (60)	4.2 (8)	11 (54)	24.4 (11)	15.1 (63)	0
36081078800	New York	Queens	Jamaica	788	1,865	1,780	95.44	1,842	523	28.39	Yes	1,700 (90)	30 (83)	0.5 (95)	0.746 (96)	8.26 (40)	2	11.3 (84)	5 (18)	14.4 (83)	34.5 (65)	13.5 (44)	0
36081079000	New York	Queens	Jamaica	790	2,633	2,624	99.66	2,621	560	21.37	Yes	2,000 (92)	30 (83)	0.5 (95)	0.754 (96)	8.28 (41)	2	11.4 (85)	4.7 (14)	13 (74)	33.2 (58)	13.7 (47)	0
36081079200	New York	Queens	Jamaica	792	2,414	2,407	99.71	2,397	471	19.65	Yes	4,200 (97)	30 (83)	0.5 (95)	0.745 (96)	8.28 (41)	2	10.9 (77)	5.7 (29)	13.4 (77)	34.9 (67)	12.3 (30)	0
36081079701	New York	Queens	Flushing - Clearview	797.01	6,676	6,245	93.54	6,674	4,224	63.29	Yes	460 (64)	30 (83)	0.5 (95)	0.889 (97)	8.58 (49)	2	7.5 (3)	5.3 (22)	17.7 (94)	31 (45)	10.5 (12)	1
36081079702	New York	Queens	Flushing - Clearview	797.02	4,502	4,096	90.98	4,496	2,959	65.81	Yes	900 (80)	30 (83)	0.5 (95)	0.905 (97)	8.59 (49)	2	8 (7)	4.2 (8)	17.3 (93)	28.9 (32)	12.5 (33)	1
36081079900	New York	Queens	Flushing - Clearview	799	3,101	2,883	92.97	3,088	1,239	40.12	Yes	1,300 (86)	30 (83)	0.5 (95)	0.901 (97)	8.56 (48)	2	7.9 (6)	4.4 (10)	15.1 (86)	27.2 (23)	12.2 (29)	0
36081080301	New York	Queens	Flushing - Clearview	803.01	3,859	3,363	87.15	3,849	1,935	50.27	Yes	4,500 (97)	30 (83)	0.5 (95)	0.918 (97)	8.56 (48)	2	7.7 (4)	4.2 (8)	13.4 (77)	26.5 (19)	11.6 (23)	0
36081080302	New York	Queens	Fresh Meadows	803.02	3,476	2,840	81.7	3,476	1,139	32.77	Yes	4,700 (97)	40 (97)	0.5 (95)	0.94 (97)	8.52 (47)	3	8 (7)	5.6 (27)	13.1 (74)	27.5 (24)	11 (17)	0
36081080900	New York	Queens	Fresh Meadows	809	7,240	4,149	57.31	6,750	1,765	26.15	Yes	790 (77)	30 (83)	0.5 (95)	0.994 (97)	8.47 (46)	2	8.7 (21)	6 (35)	10 (41)	25.3 (14)	11.2 (19)	0
36081081400	New York	Queens	Southwest Queens	814	4,117	4,117	100	4,090	1,028	25.13	Yes	5,200 (98)	30 (83)	0.5 (95)	0.754 (96)	8.31 (42)	2	11.7 (88)	4.9 (16)	14.2 (82)	32.3 (52)	14.8 (59)	0
36081081800	New York	Queens	Southwest Queens	818	3,909	3,703	94.73	3,856	1,451	37.63	Yes	990 (82)	30 (83)	0.5 (95)	0.756 (96)	8.33 (42)	2	11 (79)	4.9 (16)	14.2 (82)	32.2 (52)	14.4 (55)	0
36081083700	New York	Queens	Flushing - Clearview	837	5,283	4,943	93.56	5,271	2,113	40.09	Yes	4,200 (97)	30 (83)	0.5 (95)	0.887 (97)	8.51 (47)	2	7.5 (3)	4.9 (16)	15.9 (89)	29 (33)	11.2 (19)	0
36081083800	New York	Queens	Southwest Queens	838	5,260	4,820	91.64	5,260	836	15.89	Yes	510 (67)	30 (83)	0.4 (81)	0.78 (96)	8.38 (43)	1	9.4 (40)	5.2 (21)	11 (54)	26.7 (20)	12.4 (32)	0
36081084000	New York	Queens	Southwest Queens	840	6,027	5,610	93.08	6,008	1,999	33.27	Yes	340 (56)	30 (83)	0.4 (81)	0.788 (96)	8.37 (43)	1	10.3 (65)	5 (18)	13.1 (74)	28.2 (28)	14 (50)	0
36081084500	New York	Queens	Flushing - Clearview	845	4,863	4,595	94.49	4,854	2,079	42.83	Yes	420 (62)	30 (83)	0.5 (95)	0.881 (97)	8.53 (47)	2	8.8 (23)	6.3 (41)	19.5 (96)	35.8 (71)	12 (27)	1
36081084601	New York	Queens	Southwest Queens	846.01	3,268	2,861	87.55	3,257	734	22.54	Yes	3,800 (97)	30 (83)	0.5 (95)	0.772 (96)	8.37 (43)	2	9.3 (37)	5.5 (26)	11.1 (55)	26.8 (21)	12.5 (33)	0
36081084602	New York	Queens	Southwest Queens	846.02	925	830	89.73	921	583	63.3	Yes	4,700 (97)	30 (83)	0.5 (95)	0.729 (95)	8.34 (42)	2	11 (79)	4.6 (12)	13.8 (79)	29.3 (34)	15.9 (71)	0
36081084900	New York	Queens	Flushing - Clearview	849	6,909	6,858	99.26	6,909	4,058	58.74	Yes	1,500 (88)	30 (83)	0.5 (95)	0.98 (97)	8.62 (50)	2	8.3 (12)	3.5 (3)	17.8 (94)	29.6 (36)	14 (50)	1
36081085300	New York	Queens	Flushing - Clearview	853	5,563	5,401	97.09	5,562	3,237	58.2	Yes	1,000 (82)	30 (83)	0.5 (95)	0.894 (97)	8.61 (50)	2	7.3 (2)	4.3 (9)	17.4 (93)	29.6 (36)	10.9 (16)	1
36081085500	New York	Queens	Flushing - Clearview	855	6,772	6,239	92.13	6,753	3,756	55.62	Yes	890 (80)	30 (83)	0.5 (95)	0.887 (97)	8.6 (49)	2	8 (7)	4.6 (12)	17.3 (93)	28.8 (31)	12 (27)	1
36081085700	New York	Queens	Flushing - Clearview	857	5,171	4,814	93.1	4,853	2,330	48.01	Yes	650 (73)	30 (83)	0.5 (95)	0.882 (97)	8.59 (49)	2	7.7 (4)	4.7 (14)	16.9 (92)	30.7 (43)	11.5 (22)	1
36081085900	New York	Queens	Flushing - Clearview	859	5,492	4,965	90.4	5,480	1,936	35.33	Yes	270 (50)	30 (83)	0.5 (95)	0.873 (97)	8.57 (48)	2	7.7 (4)	4.4 (10)	15.7 (89)	28.4 (29)	11.5 (22)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36081086100	New York	Queens	Flushing - Clearview	861	2,032	1,875	92.27	2,020	828	40.99	Yes	310 (53)	30 (83)	0.5 (95)	0.868 (97)	8.56 (48)	2	7.5 (3)	4.5 (11)	15 (86)	28 (27)	11 (17)	0
36081086300	New York	Queens	Flushing - Clearview	863	6,613	6,105	92.32	6,613	3,505	53	Yes	880 (79)	30 (83)	0.5 (95)	0.874 (97)	8.59 (49)	2	7.6 (3)	4.1 (7)	15.8 (89)	28.4 (29)	11.6 (23)	0
36081086400	New York	Queens	Southwest Queens	864	2,727	2,362	86.62	2,727	924	33.88	Yes	480 (65)	30 (83)	0.4 (81)	0.806 (96)	8.42 (44)	1	9.4 (40)	4.8 (15)	11.8 (63)	26 (17)	13.2 (41)	0
36081086500	New York	Queens	Flushing - Clearview	865	4,311	3,785	87.8	4,311	2,122	49.22	Yes	1,500 (88)	30 (83)	0.5 (95)	0.889 (97)	8.62 (50)	2	7.7 (4)	5.8 (31)	18.9 (96)	33.1 (57)	11.5 (22)	1
36081086900	New York	Queens	Flushing - Clearview	869	1,771	1,732	97.8	1,771	1,209	68.27	Yes	2,800 (95)	40 (97)	0.5 (95)	1.055 (97)	8.68 (52)	3	8 (7)	3.4 (3)	18.7 (96)	28.1 (27)	13.9 (49)	1
36081087100	New York	Queens	Flushing - Clearview	871	2,643	2,560	96.86	2,632	1,256	47.72	Yes	1,900 (91)	40 (97)	0.5 (95)	1.04 (97)	8.65 (51)	3	9.5 (43)	4.5 (11)	15.3 (87)	28.9 (32)	13.3 (42)	0
36081088901	New York	Queens	Flushing - Clearview	889.01	9,626	8,601	89.35	9,485	4,503	47.48	Yes	4,300 (97)	40 (97)	0.5 (95)	0.978 (97)	8.68 (52)	3	8 (7)	6.2 (39)	15.7 (89)	30.8 (43)	10.7 (14)	0
36081090700	New York	Queens	Flushing - Clearview	907	1,434	1,025	71.48	1,421	456	32.09	Yes	270 (50)	40 (97)	0.6 (98)	1.246 (98)	8.73 (53)	3	8.5 (16)	5.4 (24)	11.5 (59)	27 (22)	12.2 (29)	0
36081091900	New York	Queens	Flushing - Clearview	919	5,309	4,399	82.86	4,710	2,142	45.48	Yes	420 (62)	40 (97)	0.7 (99)	1.254 (98)	8.79 (55)	3	8.7 (21)	5.8 (31)	13.8 (79)	29.6 (36)	12.3 (30)	0
36081092500	New York	Queens	Flushing - Clearview	925	3,470	2,837	81.76	3,469	1,428	41.16	Yes	560 (69)	40 (97)	0.6 (98)	1.156 (98)	8.8 (55)	3	8.9 (26)	4.4 (10)	11.6 (61)	24.8 (12)	13.4 (43)	0
36081092900	New York	Queens	Flushing - Clearview	929	7,036	5,877	83.53	6,993	1,932	27.63	Yes	45 (16)	40 (97)	0.6 (98)	1.141 (98)	8.85 (57)	3	8.5 (16)	5.2 (21)	11.8 (63)	26.2 (18)	12 (27)	0
36081093800	New York	Queens	Rockaway	938	5,023	1,750	34.84	4,275	1,608	37.61	Yes	410 (61)	30 (83)	0.4 (81)	0.541 (90)	8.04 (34)	1	10.4 (67)	8.6 (89)	15.5 (88)	36.1 (73)	13.7 (47)	0
36081093900	New York	Queens	Flushing - Clearview	939	5,299	3,720	70.2	5,269	1,166	22.13	Yes	12 (6)	40 (97)	0.6 (98)	1.104 (98)	8.82 (56)	3	8.2 (10)	5.3 (22)	11.7 (62)	26.1 (18)	11.3 (20)	0
36081094201	New York	Queens	Rockaway	942.01	3,236	2,358	72.87	3,158	1,092	34.58	Yes	700 (75)	30 (83)	0.4 (81)	0.546 (90)	8.02 (33)	1	9.9 (54)	4.8 (15)	10.6 (49)	27.5 (24)	12.3 (30)	0
36081094202	New York	Queens	Rockaway	942.02	4,806	3,907	81.29	4,806	2,362	49.15	Yes	1,000 (82)	30 (83)	0.4 (81)	0.494 (87)	8.01 (33)	0	11.1 (81)	4.3 (9)	11.3 (57)	27.3 (23)	14.7 (58)	0
36081094203	New York	Queens	Rockaway	942.03	6,602	3,172	48.05	6,508	2,079	31.95	Yes	690 (74)	30 (83)	0.4 (81)	0.518 (88)	7.98 (32)	0	10.1 (60)	7.3 (64)	12.5 (69)	32.8 (55)	12.3 (30)	0
36081094500	New York	Queens	Flushing - Clearview	945	3,654	1,883	51.53	3,654	1,112	30.43	Yes	2,200 (93)	40 (97)	0.6 (98)	1.038 (97)	8.74 (54)	3	8.6 (18)	7 (56)	12.2 (67)	28.8 (31)	11.2 (19)	0
36081094700	New York	Queens	Flushing - Clearview	947	2,202	1,353	61.44	2,202	652	29.61	Yes	160 (37)	40 (97)	0.6 (98)	1.108 (98)	8.79 (55)	3	8.9 (26)	5.4 (24)	11.6 (61)	25.2 (14)	12.9 (37)	0
36081095400	New York	Queens	Rockaway	954	6,045	5,402	89.36	5,842	2,195	37.57	Yes	310 (53)	30 (83)	0.4 (81)	0.5 (87)	7.98 (32)	0	11.2 (82)	5.3 (22)	13.6 (78)	32.8 (55)	14 (50)	0
36081096400	New York	Queens	Rockaway	964	6,573	5,790	88.09	6,257	1,767	28.24	Yes	290 (51)	30 (83)	0.4 (81)	0.491 (87)	7.96 (32)	0	11 (79)	5.2 (21)	13 (74)	33.4 (59)	12.9 (37)	0
36081097202	New York	Queens	Rockaway	972.02	3,060	2,987	97.61	3,055	1,847	60.46	Yes	330 (55)	30 (83)	0.4 (81)	0.458 (84)	7.9 (30)	0	14.2 (98)	3.8 (5)	14.8 (85)	32.9 (56)	19.3 (92)	2
36081097203	New York	Queens	Rockaway	972.03	7,356	7,087	96.34	7,356	4,879	66.33	Yes	230 (46)	30 (83)	0.4 (81)	0.466 (85)	7.95 (32)	0	14 (98)	4.4 (10)	18 (94)	36.2 (73)	19.7 (93)	3
36081097204	New York	Queens	Rockaway	972.04	3,884	3,532	90.94	3,327	1,542	46.35	Yes	480 (65)	30 (83)	0.4 (81)	0.466 (84)	7.92 (31)	0	12 (90)	6.6 (47)	16.9 (92)	39 (83)	14.6 (57)	2
36081099200	New York	Queens	Rockaway	992	4,339	3,912	90.16	4,228	2,326	55.01	Yes	540 (68)	30 (83)	0.4 (81)	0.456 (84)	7.87 (30)	0	12.5 (93)	5 (18)	15.2 (87)	35.1 (68)	16.7 (77)	1
36081099703	New York	Queens	Flushing - Clearview	997.03	3,746	2,025	54.06	3,728	322	8.64	Yes	1,700 (90)	30 (83)	0.5 (95)	0.689 (95)	8.51 (47)	2	7.8 (5)	8.4 (87)	9.6 (36)	28.1 (27)	8.2 (1)	0

36081099705	New York	Queens	Flushing - Clearview	997.05	2,470	1,421	57.53	2,470	201	8.14	Yes	2,900 (95)	30 (83)	0.5 (95)	0.735 (95)	8.55 (48)	2	7.7 (4)	6.3 (41)	10 (41)	25.3 (14)	9.1 (4)	0
36081099801	New York	Queens	Rockaway	998.01	8,592	8,179	95.19	8,395	2,150	25.61	Yes	470 (64)	30 (83)	0.4 (81)	0.449 (83)	7.85 (29)	0	10.5 (70)	5.2 (21)	12.5 (69)	32.2 (52)	12.3 (30)	0
36081099802	New York	Queens	Rockaway	998.02	6,422	5,138	80.01	6,422	3,373	52.52	Yes	540 (68)	30 (83)	0.4 (81)	0.435 (82)	7.84 (29)	0	11.5 (86)	8.6 (89)	17.9 (94)	41.2 (89)	13.6 (46)	1
36081100801	New York	Queens	Rockaway	1008	2,525	1,573	62.3	2,525	459	18.18	Yes	18 (8)	30 (83)	0.4 (81)	0.48 (86)	7.94 (31)	0	10.3 (65)	5.7 (29)	10.9 (52)	29.9 (38)	12 (27)	0
36081100802	New York	Queens	Rockaway	1008	8,976	6,352	70.77	8,947	2,671	29.85	Yes	270 (50)	30 (83)	0.4 (81)	0.461 (84)	7.89 (30)	0	10.8 (76)	4.9 (16)	12.1 (66)	30.2 (40)	13.4 (43)	0
36081101001	New York	Queens	Rockaway	1010	12,253	9,338	76.21	10,966	5,036	45.92	Yes	270 (50)	30 (83)	0.4 (81)	0.434 (82)	7.82 (28)	0	11.2 (82)	6.2 (39)	15.9 (89)	36.7 (75)	14.4 (55)	0
36081101002	New York	Queens	Rockaway	1010	4,359	1,353	31.04	4,339	1,780	41.02	Yes	690 (74)	30 (83)	0.4 (81)	0.455 (84)	7.8 (28)	0	9.7 (49)	8.3 (85)	12.7 (71)	33.6 (60)	11.9 (26)	0
36081101700	New York	Queens	Flushing - Clearview	1017	6,005	3,171	52.81	6,005	1,117	18.6	Yes	580 (70)	30 (83)	0.5 (95)	0.765 (96)	8.58 (49)	2	8.3 (12)	8.2 (83)	10.6 (49)	29.2 (34)	9.8 (7)	0
36081103201	New York	Queens	Rockaway	1032	6,509	6,295	96.71	6,509	3,491	53.63	Yes	350 (57)	30 (83)	0.4 (81)	0.469 (85)	7.9 (30)	0	12.9 (95)	4 (6)	14.7 (85)	32.8 (55)	17.9 (85)	1
36081103202	New York	Queens	Rockaway	1032	8,121	4,566	56.22	7,746	4,101	52.94	Yes	500 (66)	30 (83)	0.4 (81)	0.454 (84)	7.85 (29)	0	10.3 (65)	5.2 (21)	11.4 (58)	28.6 (30)	14.4 (55)	0
36081103900	New York	Queens	Flushing - Clearview	1039	6,283	3,661	58.27	6,283	1,536	24.45	Yes	2,400 (93)	30 (83)	0.5 (95)	0.817 (96)	8.68 (52)	2	8.3 (12)	6.5 (45)	10.3 (45)	25.5 (15)	10.5 (12)	0
36081104700	New York	Queens	Flushing - Clearview	1047	6,755	4,761	70.48	6,755	2,312	34.23	Yes	1,200 (85)	30 (83)	0.5 (95)	0.848 (97)	8.65 (51)	2	8.1 (9)	6.7 (49)	13.5 (77)	29.6 (36)	10.7 (14)	0
36081108500	New York	Queens	Flushing - Clearview	1085	2,337	1,341	57.38	2,328	470	20.19	Yes	800 (77)	30 (83)	0.5 (95)	0.77 (96)	8.52 (47)	2	8.3 (12)	6.8 (52)	11.6 (61)	28.6 (30)	10.7 (14)	0
36081109300	New York	Queens	Bayside - Little Neck	1093	2,937	1,713	58.32	2,929	627	21.41	Yes	710 (75)	30 (83)	0.5 (95)	0.699 (95)	8.49 (46)	2	8.2 (10)	7.7 (73)	12 (65)	29.1 (33)	9.7 (7)	0
36081109900	New York	Queens	Bayside - Little Neck	1099	3,058	1,837	60.07	3,058	808	26.42	Yes	940 (81)	30 (83)	0.5 (95)	0.79 (96)	8.5 (47)	2	8.5 (16)	6.1 (37)	10.7 (50)	25.1 (13)	11.2 (19)	0
36081111300	New York	Queens	Bayside - Little Neck	1113	2,526	1,324	52.41	2,523	503	19.94	Yes	870 (79)	30 (83)	0.5 (95)	0.721 (95)	8.43 (45)	2	8 (7)	6.6 (47)	10.3 (45)	26 (17)	9.5 (6)	0
36081112300	New York	Queens	Bayside - Little Neck	1123	2,058	1,348	65.5	2,058	378	18.37	Yes	360 (58)	30 (83)	0.5 (95)	0.762 (96)	8.45 (45)	2	7.5 (3)	4.9 (16)	9.2 (31)	22.4 (6)	9.6 (6)	0
36081113900	New York	Queens	Flushing - Clearview	1139	3,356	2,045	60.94	3,356	1,233	36.74	Yes	580 (70)	30 (83)	0.5 (95)	0.822 (96)	8.5 (47)	2	8.2 (10)	6 (35)	11.2 (56)	27.1 (22)	11 (17)	0
36081114100	New York	Queens	Flushing - Clearview	1141	2,362	1,346	56.99	2,356	425	18.04	Yes	240 (46)	30 (83)	0.5 (95)	0.805 (96)	8.53 (47)	2	7.8 (5)	7.5 (69)	10.4 (46)	27.5 (24)	9 (3)	0
36081114700	New York	Queens	Flushing - Clearview	1147	1,726	964	55.85	1,726	228	13.21	Yes	98 (27)	30 (83)	0.5 (95)	0.823 (96)	8.55 (48)	2	8 (7)	7.2 (61)	10.8 (51)	28.6 (30)	9.6 (6)	0
36081115100	New York	Queens	Flushing - Clearview	1151	915	464	50.71	907	243	26.79	Yes	400 (61)	30 (83)	0.5 (95)	0.838 (96)	8.57 (49)	2	8 (7)	7 (56)	11.3 (57)	28.3 (29)	9.7 (7)	0
36081115500	New York	Queens	Flushing - Clearview	1155	2,150	1,772	82.42	2,150	1,108	51.53	Yes	990 (82)	30 (83)	0.5 (95)	0.848 (97)	8.59 (49)	2	8.2 (10)	4.8 (15)	13.1 (74)	25.5 (15)	12 (27)	0
36081115700	New York	Queens	Flushing - Clearview	1157	3,207	2,653	82.73	3,207	1,195	37.26	Yes	890 (80)	30 (83)	0.5 (95)	0.856 (97)	8.6 (49)	2	7.4 (2)	5.1 (19)	14.5 (84)	27.7 (25)	10.4 (11)	0
36081115900	New York	Queens	Flushing - Clearview	1159	4,256	3,854	90.55	4,255	1,507	35.42	Yes	770 (77)	30 (83)	0.5 (95)	0.873 (97)	8.63 (50)	2	8 (7)	5 (18)	16 (90)	28.9 (32)	11.6 (23)	1
36081116100	New York	Queens	Flushing - Clearview	1161	4,301	3,813	88.65	3,796	2,206	58.11	Yes	1,100 (84)	30 (83)	0.5 (95)	0.888 (97)	8.65 (51)	2	8.1 (9)	6 (35)	19 (96)	33.6 (60)	11.8 (25)	1
36081116300	New York	Queens	Flushing - Clearview	1163	9,346	8,507	91.02	8,665	5,948	68.64	Yes	1,300 (87)	30 (83)	0.5 (95)	0.869 (97)	8.6 (49)	2	8.2 (10)	5.2 (21)	18 (94)	32.1 (51)	12.6 (34)	1
36081116700	New York	Queens	Flushing - Clearview	1167	1,676	1,646	98.21	1,659	943	56.84	Yes	760 (76)	30 (83)	0.5 (95)	0.857 (97)	8.57 (48)	2	8.2 (10)	3.7 (4)	16.2 (90)	29.1 (33)	13.2 (41)	1
36081117100	New York	Queens	Flushing - Clearview	1171	2,359	1,743	73.89	2,359	759	32.17	Yes	1,100 (84)	30 (83)	0.5 (95)	0.84 (96)	8.55 (48)	2	7.9 (6)	4.9 (16)	13.7 (79)	27.3 (23)	11.4 (21)	0
36081117500	New York	Queens	Flushing - Clearview	1175	4,830	3,122	64.64	4,822	1,294	26.84	Yes	940 (81)	30 (83)	0.5 (95)	0.833 (96)	8.5 (47)	2	7.6 (3)	5.5 (26)	11.7 (62)	25.5 (15)	10.1 (9)	0
36081118100	New York	Queens	Flushing - Clearview	1181	1,530	943	61.63	1,530	518	33.86	Yes	1,000 (83)	30 (83)	0.5 (95)	0.84 (96)	8.48 (46)	2	8.1 (9)	5.4 (24)	10.2 (43)	24.3 (11)	10.7 (14)	0



## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [µg/m3 (Percentile)]	Particulate Matter 2.5 [µg/m3 (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36081118500	New York	Queens	Flushing - Clearview	1185	1,978	1,838	92.92	1,978	975	49.29	Yes	980 (82)	30 (83)	0.5 (95)	0.846 (97)	8.53 (47)	2	8 (7)	4.1 (7)	12.9 (73)	24.9 (13)	11.9 (26)	0
36081118700	New York	Queens	Flushing - Clearview	1187	2,484	2,195	88.37	2,484	1,010	40.66	Yes	300 (53)	30 (83)	0.5 (95)	0.862 (97)	8.55 (48)	2	8.1 (9)	4.4 (10)	15.2 (87)	28.1 (27)	12.5 (33)	0
36081118900	New York	Queens	Flushing - Clearview	1189	2,050	1,721	83.95	2,045	653	31.93	Yes	180 (39)	30 (83)	0.5 (95)	0.859 (97)	8.55 (48)	2	7.3 (2)	4.1 (7)	12.1 (66)	24 (10)	10.6 (13)	0
36081119100	New York	Queens	Flushing - Clearview	1191	2,985	2,681	89.82	2,984	1,455	48.76	Yes	220 (44)	30 (83)	0.5 (95)	0.848 (97)	8.52 (47)	2	7.9 (6)	4.4 (10)	13.5 (77)	26.3 (18)	11.9 (26)	0
36081119300	New York	Queens	Flushing - Clearview	1193	1,978	1,606	81.19	1,978	754	38.12	Yes	980 (82)	30 (83)	0.5 (95)	0.843 (96)	8.5 (46)	2	7.9 (6)	5.1 (19)	12.3 (68)	26.1 (18)	10.8 (15)	0
36081119500	New York	Queens	Flushing - Clearview	1195	1,453	1,004	69.1	1,453	331	22.78	Yes	480 (65)	30 (83)	0.5 (95)	0.843 (96)	8.49 (46)	2	7.9 (6)	6 (35)	10.9 (52)	26.4 (19)	10.3 (11)	0
36081119900	New York	Queens	Flushing - Clearview	1199	1,517	1,269	83.65	1,506	579	38.45	Yes	150 (36)	30 (83)	0.5 (95)	0.851 (97)	8.51 (47)	2	8 (7)	5.7 (29)	14.5 (84)	29.6 (36)	11.1 (18)	0
36081120100	New York	Queens	Flushing - Clearview	1201	1,559	1,367	87.68	1,559	614	39.38	Yes	170 (38)	30 (83)	0.5 (95)	0.861 (97)	8.53 (47)	2	7.9 (6)	4.6 (12)	16.2 (90)	28.3 (29)	12.1 (28)	1
36081120300	New York	Queens	Flushing - Clearview	1203	1,573	1,383	87.92	1,573	687	43.67	Yes	260 (49)	30 (83)	0.5 (95)	0.863 (97)	8.51 (47)	2	7.6 (3)	4.8 (15)	15.6 (88)	27.9 (26)	11.2 (19)	0
36081120500	New York	Queens	Flushing - Clearview	1205	2,568	2,405	93.65	2,543	1,531	60.2	Yes	350 (57)	30 (83)	0.5 (95)	0.874 (97)	8.53 (47)	2	8.6 (18)	5.6 (27)	21.9 (98)	34.2 (63)	13.7 (47)	1
36081120700	New York	Queens	Flushing - Clearview	1207	3,097	2,266	73.17	3,088	967	31.31	Yes	140 (33)	30 (83)	0.5 (95)	0.85 (97)	8.48 (46)	2	8 (7)	5.7 (29)	12.6 (70)	27.5 (24)	10.7 (14)	0
36081121500	New York	Queens	Fresh Meadows	1215	4,447	3,645	81.97	4,419	1,460	33.04	Yes	4,200 (97)	30 (83)	0.5 (95)	0.869 (97)	8.45 (45)	2	8.1 (9)	4.7 (14)	14.4 (83)	27.6 (25)	11.6 (23)	0
36081122300	New York	Queens	Fresh Meadows	1223	3,438	2,486	72.31	3,438	819	23.82	Yes	1,900 (91)	30 (83)	0.5 (95)	0.898 (97)	8.42 (44)	2	7.7 (4)	5.9 (33)	12.4 (69)	27 (22)	10.2 (10)	0
36081122701	New York	Queens	Fresh Meadows	1227	11,356	8,272	72.84	11,317	2,913	25.74	Yes	1,500 (89)	30 (83)	0.5 (95)	0.946 (97)	8.43 (45)	2	8.2 (10)	6 (35)	11.4 (58)	28.4 (29)	10.8 (15)	0
36081122702	New York	Queens	Fresh Meadows	1227	7,519	6,231	82.87	7,519	4,641	61.72	Yes	1,600 (89)	30 (83)	0.5 (95)	0.963 (97)	8.44 (45)	2	12 (90)	6.6 (47)	18.1 (95)	35.7 (71)	16.4 (75)	2
36081124100	New York	Queens	Fresh Meadows	1241	3,666	2,530	69.01	3,659	833	22.77	Yes	440 (63)	30 (83)	0.5 (95)	0.959 (97)	8.41 (44)	2	8 (7)	5.9 (33)	11.9 (64)	27 (22)	10.4 (11)	0
36081124700	New York	Queens	Fresh Meadows	1247	3,508	1,969	56.13	3,508	1,237	35.26	Yes	410 (61)	30 (83)	0.5 (95)	0.905 (97)	8.4 (44)	2	8.1 (9)	6.4 (43)	11.9 (64)	26.9 (21)	10.5 (12)	0
36081125700	New York	Queens	Fresh Meadows	1257	3,248	2,735	84.21	3,119	1,178	37.77	Yes	600 (71)	30 (83)	0.5 (95)	0.987 (97)	8.42 (44)	2	8.2 (10)	5.3 (22)	12.7 (71)	29.2 (34)	10.5 (12)	0
36081126500	New York	Queens	Jamaica	1265	1,743	1,172	67.24	1,743	576	33.05	Yes	2,400 (94)	30 (83)	0.5 (95)	0.955 (97)	8.39 (44)	2	7.6 (3)	5.2 (21)	12.8 (72)	27.4 (24)	9.7 (7)	0
36081126700	New York	Queens	Jamaica	1267	4,716	3,153	66.86	2,491	1,129	45.32	Yes	3,400 (96)	30 (83)	0.5 (95)	0.895 (97)	8.38 (43)	2	10 (57)	2.9 (2)	7.8 (14)	16.8 (2)	15.4 (66)	0
36081129104	New York	Queens	Bayside - Little Neck	1291	4,455	2,659	59.69	4,455	879	18.61	Yes	2,200 (93)	30 (83)	0.5 (95)	0.845 (97)	8.32 (42)	2	7.9 (6)	6.7 (49)	9.5 (34)	25.6 (15)	9.2 (4)	0
36081130100	New York	Queens	Southeast Queens	1301	4,204	2,923	69.53	4,204	609	14.49	Yes	3,100 (95)	30 (83)	0.5 (95)	0.79 (96)	8.27 (40)	2	7.9 (6)	7.1 (59)	11.4 (58)	28.7 (31)	9.1 (4)	0
36081133300	New York	Queens	Fresh Meadows	1333	3,896	2,089	53.62	3,896	939	24.1	Yes	550 (69)	30 (83)	0.5 (95)	0.872 (97)	8.38 (43)	2	7.7 (4)	6.7 (49)	12.1 (66)	28.7 (31)	9.4 (5)	0
36081134100	New York	Queens	Fresh Meadows	1341	3,358	2,482	73.91	3,358	902	26.86	Yes	2,100 (92)	30 (83)	0.5 (95)	0.879 (97)	8.41 (44)	2	7.2 (1)	5.8 (31)	11.8 (63)	26.4 (19)	9 (3)	0
36081134700	New York	Queens	Fresh Meadows	1347	10,944	8,931	81.61	10,941	2,872	26.25	Yes	1,200 (85)	30 (83)	0.5 (95)	0.884 (97)	8.39 (44)	2	7.7 (4)	5.3 (22)	10.3 (45)	25.1 (13)	9.2 (4)	0

36081136700	New York	Queens	Bayside - Little Neck	1367	5,846	4,140	70.82	5,846	1,523	26.05	Yes	2,000 (92)	30 (83)	0.5 (95)	0.869 (97)	8.37 (43)	2	7.6 (3)	6.7 (49)	12.2 (67)	28.3 (29)	9.5 (6)	0
36081137700	New York	Queens	Bayside - Little Neck	1377	7,123	5,620	78.9	7,046	1,480	21	Yes	2,500 (94)	30 (83)	0.5 (95)	0.852 (97)	8.35 (43)	2	7.5 (3)	5.2 (21)	11.7 (62)	25.9 (17)	9.7 (7)	0
36081138501	New York	Queens	Bayside - Little Neck	1385	4,617	3,088	66.88	4,617	1,115	24.15	Yes	3,800 (97)	30 (83)	0.5 (95)	0.849 (97)	8.39 (43)	2	7 (1)	5.5 (26)	11.7 (62)	26.1 (18)	8.8 (3)	0
36081138502	New York	Queens	Bayside - Little Neck	1385	39	24	61.54	39	24	61.54	Yes	3,200 (96)	30 (83)	0.4 (81)	0.808 (96)	8.34 (42)	1	7.3 (2)	10.5 (98)	17.5 (94)	42.8 (92)	10.8 (15)	3
36081139900	New York	Queens	Bayside - Little Neck	1399	1,666	1,105	66.33	1,659	300	18.08	Yes	2,900 (95)	30 (83)	0.5 (95)	0.87 (97)	8.4 (44)	2	7.3 (2)	6.6 (47)	11.9 (64)	27.5 (24)	8.4 (1)	0
36081140300	New York	Queens	Bayside - Little Neck	1403	2,344	1,600	68.26	2,344	269	11.48	Yes	3,500 (96)	30 (83)	0.5 (95)	0.88 (97)	8.41 (44)	2	7.1 (1)	6.1 (37)	11.1 (55)	26.5 (19)	8.5 (2)	0
36081140901	New York	Queens	Bayside - Little Neck	1409	990	784	79.19	979	202	20.63	Yes	4,500 (97)	30 (83)	0.5 (95)	0.882 (97)	8.42 (44)	2	7.4 (2)	6.6 (47)	11.3 (57)	26.9 (21)	8.8 (3)	0
36081140902	New York	Queens	Fresh Meadows	1409	2,787	2,161	77.54	2,787	602	21.6	Yes	1,700 (90)	30 (83)	0.5 (95)	0.884 (97)	8.43 (45)	2	7.6 (3)	6 (35)	12.5 (69)	27.4 (24)	9.7 (7)	0
36081141700	New York	Queens	Fresh Meadows	1417	4,871	3,468	71.2	4,871	1,326	27.22	Yes	1,600 (90)	30 (83)	0.5 (95)	0.862 (97)	8.44 (45)	2	7.4 (2)	6.2 (39)	11.2 (56)	26 (17)	9 (3)	0
36081142900	New York	Queens	Flushing - Clearview	1429	3,760	2,171	57.74	3,742	769	20.55	Yes	250 (47)	30 (83)	0.5 (95)	0.872 (97)	8.45 (45)	2	8 (7)	6.5 (45)	10.9 (52)	26.8 (21)	10.1 (9)	0
36081143500	New York	Queens	Bayside - Little Neck	1435	2,452	1,653	67.41	2,452	325	13.25	Yes	910 (80)	30 (83)	0.5 (95)	0.872 (97)	8.42 (44)	2	7.6 (3)	6.2 (39)	11.3 (57)	26.5 (19)	9.3 (5)	0
36081144100	New York	Queens	Bayside - Little Neck	1441	2,662	1,774	66.64	2,651	457	17.24	Yes	460 (64)	30 (83)	0.5 (95)	0.865 (97)	8.41 (44)	2	7.6 (3)	6.1 (37)	10.3 (45)	24.8 (12)	9.2 (4)	0
36081144700	New York	Queens	Bayside - Little Neck	1447	3,109	2,738	88.07	3,075	897	29.17	Yes	1,900 (91)	30 (83)	0.5 (95)	0.869 (97)	8.44 (45)	2	8.3 (12)	5.1 (19)	13.2 (75)	28.7 (31)	10.5 (12)	0
36081145102	New York	Queens	Bayside - Little Neck	1451	2,464	1,934	78.49	2,448	560	22.88	Yes	2,100 (92)	30 (83)	0.5 (95)	0.879 (97)	8.44 (45)	2	7.7 (4)	5.3 (22)	11.5 (59)	25.7 (16)	9.8 (7)	0
36081145900	New York	Queens	Flushing - Clearview	1459	2,809	1,865	66.39	2,809	819	29.16	Yes	820 (78)	30 (83)	0.5 (95)	0.846 (97)	8.48 (46)	2	8.5 (16)	6.4 (43)	12.2 (67)	27.5 (24)	11.3 (20)	0
36081146300	New York	Queens	Bayside - Little Neck	1463	2,979	1,735	58.24	2,618	574	21.93	Yes	2,400 (93)	30 (83)	0.5 (95)	0.861 (97)	8.47 (46)	2	7.7 (4)	7.8 (76)	11.2 (56)	29.5 (36)	9.4 (5)	0
36081146700	New York	Queens	Bayside - Little Neck	1467	2,619	1,417	54.1	2,619	436	16.65	Yes	1,700 (90)	30 (83)	0.5 (95)	0.851 (97)	8.46 (45)	2	7.8 (5)	5.3 (22)	8.4 (21)	22.4 (6)	10 (9)	0
36081147100	New York	Queens	Bayside - Little Neck	1471	3,231	1,739	53.82	3,223	744	23.08	Yes	1,800 (90)	30 (83)	0.5 (95)	0.814 (96)	8.42 (44)	2	7.8 (5)	6.3 (41)	11 (54)	26.2 (18)	9.7 (7)	0
36081147900	New York	Queens	Bayside - Little Neck	1479	4,526	2,695	59.54	4,504	814	18.07	Yes	780 (77)	30 (83)	0.4 (81)	0.655 (94)	8.37 (43)	1	7.7 (4)	6.6 (47)	10.5 (47)	27 (22)	9 (3)	0
36081152901	New York	Queens	Bayside - Little Neck	1529	6,916	4,683	67.71	6,884	1,393	20.24	Yes	3,900 (97)	30 (83)	0.5 (95)	0.779 (96)	8.3 (41)	2	7.4 (2)	6.4 (43)	11.4 (58)	27.6 (25)	9 (3)	0
36081152902	New York	Queens	Bayside - Little Neck	1529	4,955	2,872	57.96	4,955	912	18.41	Yes	5,300 (98)	30 (83)	0.5 (95)	0.754 (96)	8.29 (41)	2	7.8 (5)	7.8 (76)	10.8 (51)	28.7 (31)	9 (3)	0
36081155102	New York	Queens	Southeast Queens	1551	8,929	5,025	56.28	8,001	1,040	13	Yes	870 (79)	30 (83)	0.5 (95)	0.755 (96)	8.24 (40)	2	8.2 (10)	7.8 (76)	10.9 (52)	29.5 (36)	9.5 (6)	0
36081156700	New York	Queens	Southeast Queens	1567	1,614	1,308	81.04	1,091	582	53.35	Yes	1,500 (88)	30 (83)	0.5 (95)	0.772 (96)	8.25 (40)	2	9.5 (43)	4.5 (11)	15.4 (88)	31.5 (48)	14 (50)	0
36081157101	New York	Queens	Southeast Queens	1571	8,406	6,249	74.34	8,395	1,434	17.08	Yes	1,700 (90)	30 (83)	0.5 (95)	0.759 (96)	8.22 (39)	2	7.6 (3)	5.9 (33)	10.8 (51)	26.7 (20)	9.4 (5)	0
36081157102	New York	Queens	Southeast Queens	1571	2,294	1,929	84.09	2,287	574	25.1	Yes	2,900 (95)	30 (83)	0.5 (95)	0.763 (96)	8.23 (39)	2	7.7 (4)	5.3 (22)	11.3 (57)	25.6 (15)	10.2 (10)	0
36081157901	New York	Queens	Southeast Queens	1579	5,073	3,606	71.08	5,069	794	15.66	Yes	180 (39)	30 (83)	0.5 (95)	0.734 (95)	8.18 (38)	2	7.5 (3)	7 (56)	11 (54)	27.9 (26)	8.7 (2)	0
36081157902	New York	Queens	Southeast Queens	1579	4,129	2,959	71.66	4,070	764	18.77	Yes	370 (58)	30 (83)	0.5 (95)	0.751 (96)	8.2 (39)	2	7.2 (1)	6.4 (43)	11.2 (56)	26.8 (21)	8.7 (2)	0
36081157903	New York	Queens	Southeast Queens	1579	4,741	3,319	70.01	4,741	1,071	22.59	Yes	420 (62)	30 (83)	0.5 (95)	0.735 (95)	8.16 (37)	2	8.3 (12)	6.6 (47)	11.7 (62)	27.8 (26)	10.5 (12)	0
36081161700	New York	Queens	Southeast Queens	1617	4,762	3,055	64.15	4,752	770	16.2	Yes	920 (81)	30 (83)	0.5 (95)	0.751 (96)	8.19 (38)	2	8.2 (10)	6.4 (43)	9.6 (36)	25.2 (14)	9.9 (8)	0
36081162100	New York	Queens	Southeast Queens	1621	6,363	5,214	81.94	6,345	1,752	27.61	Yes	1,200 (85)	30 (83)	0.5 (95)	0.766 (96)	8.23 (39)	2	8.2 (10)	4.9 (16)	10.8 (51)	24.7 (12)	11 (17)	0

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Identified Environmental Justice Tract (Yes or No)	Traffic Proximity And Volume (Daily vehicles/ meters (Percentile))	Pollutant Burdens					Chronic Disease Burdens					
													Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter (µg/m3 (Percentile))	Particulate Matter 2.5 (µg/m3 (Percentile))	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]	Number of Chronic Disease Burdens above 90th Percentile
36085000300	New York	Richmond	Stapleton - St. George	3	2,004	1,033	51.55	1,963	576	29.34	Yes	290 (51)	30 (83)	0.5 (95)	1.102 (98)	8.96 (60)	2	10 (57)	5.5 (26)	10.7 (50)	27.4 (24)	12.4 (32)	0
36085000600	New York	Richmond	Stapleton - St. George	6	2,311	981	42.45	2,277	658	28.9	Yes	270 (50)	30 (83)	0.4 (81)	0.817 (96)	8.84 (56)	1	10.5 (70)	9.1 (93)	14.1 (81)	35.5 (70)	12.2 (29)	1
36085000700	New York	Richmond	Stapleton - St. George	7	4,557	3,707	81.35	4,557	2,115	46.41	Yes	320 (54)	30 (83)	0.5 (95)	1.217 (98)	8.98 (60)	2	13.6 (97)	5.1 (19)	15 (86)	33.2 (58)	18 (86)	1
36085000800	New York	Richmond	Stapleton - St. George	8	5,238	2,595	49.54	5,238	1,439	27.47	Yes	1,000 (83)	30 (83)	0.4 (81)	0.806 (96)	8.83 (56)	1	10.2 (62)	5.4 (24)	10.3 (45)	25.1 (13)	13.6 (46)	0
36085000900	New York	Richmond	Stapleton - St. George	9	1,510	1,146	75.89	1,510	804	53.25	Yes	110 (29)	30 (83)	0.5 (95)	1.113 (98)	8.97 (60)	2	12.3 (92)	5.1 (19)	14.4 (83)	32.5 (54)	16.4 (75)	1
36085001100	New York	Richmond	Stapleton - St. George	11	3,314	2,794	84.31	3,308	1,682	50.85	Yes	420 (62)	30 (83)	0.5 (95)	1.036 (97)	8.95 (59)	2	11.6 (87)	4.5 (11)	12 (65)	29.2 (34)	15.6 (68)	0
36085001700	New York	Richmond	Stapleton - St. George	17	1,475	944	64	1,475	682	46.24	Yes	710 (75)	30 (83)	0.4 (81)	0.954 (97)	8.93 (59)	1	10.2 (62)	5 (18)	11.5 (59)	27.1 (22)	14 (50)	0
36085002001	New York	Richmond	Stapleton - St. George	20.01	2,502	1,303	52.08	2,502	513	20.5	Yes	2,900 (95)	30 (83)	0.4 (81)	0.784 (96)	8.8 (55)	1	10.3 (65)	6.5 (45)	10 (41)	26.3 (18)	13 (39)	0
36085002100	New York	Richmond	Stapleton - St. George	21	4,469	3,467	77.58	4,343	1,590	36.61	Yes	680 (74)	30 (83)	0.4 (81)	0.901 (97)	8.91 (58)	1	11.3 (84)	4.9 (16)	12.4 (69)	29.1 (33)	14.9 (61)	0
36085002700	New York	Richmond	Stapleton - St. George	27	1,751	1,213	69.27	1,133	785	69.29	Yes	470 (65)	30 (83)	0.4 (81)	0.858 (97)	8.88 (57)	1	11.8 (89)	7 (56)	17.6 (94)	39.2 (84)	16.4 (75)	1
36085002900	New York	Richmond	Stapleton - St. George	29	4,702	4,304	91.54	4,692	2,735	58.29	Yes	500 (66)	30 (83)	0.4 (81)	0.84 (96)	8.87 (57)	1	13.8 (98)	4.4 (10)	16 (90)	32.8 (55)	19.5 (92)	3
36085003300	New York	Richmond	Stapleton - St. George	33	3,751	2,204	58.76	3,744	785	20.97	Yes	610 (71)	30 (83)	0.4 (81)	0.867 (97)	8.89 (58)	1	9.9 (54)	5.9 (33)	9.5 (34)	27.7 (25)	11.4 (21)	0
36085003600	New York	Richmond	Stapleton - St. George	36	2,833	1,550	54.71	2,833	433	15.28	Yes	1,000 (83)	30 (83)	0.4 (81)	0.795 (96)	8.83 (56)	1	9.6 (46)	5.8 (31)	10 (41)	26.8 (21)	12.2 (29)	0
36085003900	New York	Richmond	Stapleton - St. George	39	2,376	1,160	48.82	2,030	408	20.1	Yes	440 (63)	30 (83)	0.4 (81)	0.84 (96)	8.86 (57)	1	10.5 (70)	5.6 (27)	9.3 (32)	25.2 (14)	12.8 (36)	0
36085004000	New York	Richmond	Stapleton - St. George	40	12,548	11,518	91.79	12,336	5,359	43.44	Yes	1,300 (86)	30 (83)	0.4 (81)	0.805 (96)	8.83 (56)	1	12 (90)	4.5 (11)	13.7 (79)	31 (45)	15.6 (68)	1
36085006400	New York	Richmond	Stapleton - St. George	64	3,450	1,537	44.55	3,431	1,381	40.25	Yes	560 (69)	30 (83)	0.4 (81)	0.7 (95)	8.76 (54)	1	11.3 (84)	6.8 (52)	12.2 (67)	30.2 (40)	14.4 (55)	0
36085007400	New York	Richmond	Stapleton - St. George	74	4,902	2,011	41.02	4,837	1,383	28.59	Yes	580 (70)	30 (83)	0.4 (81)	0.706 (95)	8.74 (54)	1	10.4 (67)	6.4 (43)	10 (41)	26.8 (21)	13.4 (43)	0
36085007500	New York	Richmond	Stapleton - St. George	75	4,299	2,524	58.71	3,714	1,691	45.53	Yes	520 (67)	30 (83)	0.4 (81)	0.924 (97)	8.93 (59)	1	11.3 (84)	7 (56)	14.2 (82)	33.7 (61)	15.2 (64)	0
36085007700	New York	Richmond	Stapleton - St. George	77	1,526	1,372	89.91	1,525	577	37.84	Yes	180 (39)	30 (83)	0.4 (81)	0.992 (97)	8.94 (59)	1	11.9 (90)	4.5 (11)	12.4 (69)	31.3 (46)	15.3 (65)	1
36085008100	New York	Richmond	Stapleton - St. George	81	4,313	2,975	68.98	3,911	1,323	33.83	Yes	270 (50)	30 (83)	0.5 (95)	1.1 (98)	8.96 (60)	2	11.5 (86)	8.1 (82)	17.2 (93)	38.8 (83)	13.8 (48)	1
36085009700	New York	Richmond	Port Richmond	97	4,535	2,816	62.09	4,535	848	18.7	Yes	300 (52)	30 (83)	0.5 (95)	1.037 (97)	8.95 (60)	2	11.2 (82)	5.6 (27)	10.7 (50)	28.4 (29)	14 (50)	0
36085010500	New York	Richmond	Port Richmond	105	4,372	2,524	57.73	4,300	1,498	34.84	Yes	430 (62)	30 (83)	0.4 (81)	0.91 (97)	8.92 (58)	1	10.9 (77)	5.9 (33)	11.3 (57)	28.4 (29)	13.8 (48)	0
36085011202	New York	Richmond	South Beach - Tottenville	112.02	5,731	2,800	48.86	5,731	1,444	25.2	Yes	490 (66)	30 (83)	0.4 (81)	0.622 (93)	8.64 (51)	1	10.8 (76)	6.4 (43)	10.2 (43)	26.9 (21)	14.6 (57)	0
36085011401	New York	Richmond	Stapleton - St. George	114.01	2,971	1,667	56.11	2,971	998	33.59	Yes	330 (55)	30 (83)	0.4 (81)	0.682 (94)	8.71 (53)	1	11.7 (88)	6.9 (54)	12.6 (70)	32.7 (55)	15.4 (66)	0
36085012500	New York	Richmond	Port Richmond	125	3,047	1,762	57.83	3,040	926	30.46	Yes	700 (75)	30 (83)	0.4 (81)	0.854 (97)	8.9 (58)	1	11.2 (82)	5.7 (29)	12.2 (67)	29 (33)	14.8 (59)	0

36085012805	New York	Richmond	South Beach - Tottenville	128.05	2,605	531	20.38	2,573	714	27.75	Yes	420 (62)	30 (83)	0.4 (81)	0.569 (91)	8.56 (48)	1	10.7 (74)	6.7 (49)	9.7 (37)	26.9 (21)	14.3 (54)	0
36085012806	New York	Richmond	South Beach - Tottenville	128.06	5,445	2,158	39.63	5,428	1,883	34.69	Yes	420 (62)	30 (83)	0.4 (81)	0.582 (92)	8.58 (49)	1	10.8 (76)	7.9 (78)	11.8 (63)	31 (45)	13.9 (49)	0
36085013301	New York	Richmond	Port Richmond	133.01	1,095	1,055	96.35	1,089	834	76.58	Yes	550 (69)	30 (83)	0.4 (81)	0.91 (97)	8.93 (59)	1	16.5 (100)	5.2 (21)	21.5 (98)	39 (83)	24 (99)	3
36085013302	New York	Richmond	Port Richmond	133.02	3,096	2,920	94.32	3,096	1,450	46.83	Yes	670 (74)	30 (83)	0.4 (81)	0.89 (97)	8.92 (59)	1	12 (90)	4.3 (9)	13.2 (75)	29.6 (36)	16.7 (77)	1
36085014100	New York	Richmond	Port Richmond	141	2,287	1,521	66.51	2,265	518	22.87	Yes	700 (75)	30 (83)	0.4 (81)	0.826 (96)	8.89 (58)	1	10.2 (62)	5.3 (22)	9.6 (36)	25.9 (17)	12.9 (37)	0
36085017300	New York	Richmond	Willowbrook	173	2,343	1,620	69.14	2,343	931	39.74	Yes	3,900 (97)	30 (83)	0.4 (81)	0.733 (95)	8.8 (55)	1	11.8 (89)	6.7 (49)	15.1 (86)	33.6 (60)	14.9 (61)	0
36085020100	New York	Richmond	Port Richmond	201	3,524	1,826	51.82	3,517	572	16.26	Yes	380 (59)	30 (83)	0.4 (81)	0.787 (96)	8.87 (57)	1	10.1 (60)	6.4 (43)	9.4 (33)	26.4 (19)	12.6 (34)	0
36085020700	New York	Richmond	Port Richmond	207	5,499	5,030	91.47	5,484	2,463	44.91	Yes	880 (79)	30 (83)	0.4 (81)	0.893 (97)	8.93 (59)	1	11.7 (88)	4.6 (12)	13.2 (75)	30.7 (43)	16.5 (76)	0
36085021300	New York	Richmond	Port Richmond	213	4,681	3,083	65.86	4,634	1,821	39.3	Yes	590 (71)	30 (83)	0.4 (81)	0.848 (97)	8.91 (58)	1	10.8 (76)	5.2 (21)	11.4 (58)	28.3 (29)	14.9 (61)	0
36085022300	New York	Richmond	Port Richmond	223	2,745	2,305	83.97	2,745	1,263	46.01	Yes	490 (66)	30 (83)	0.5 (95)	1.103 (98)	8.92 (59)	2	11.4 (85)	4.7 (14)	11.7 (62)	28.3 (29)	14.5 (56)	0
36085023100	New York	Richmond	Port Richmond	231	5,276	4,371	82.85	5,237	1,832	34.98	Yes	220 (45)	30 (83)	0.4 (81)	0.842 (96)	8.9 (58)	1	10.4 (67)	5.4 (24)	12.3 (68)	29.9 (38)	13.4 (43)	0
36085023900	New York	Richmond	Port Richmond	239	3,853	2,914	75.63	3,834	1,303	33.99	Yes	800 (78)	30 (83)	0.4 (81)	0.828 (96)	8.89 (58)	1	11.2 (82)	4.9 (16)	11.6 (61)	26.7 (20)	15.2 (64)	0
36085024700	New York	Richmond	Port Richmond	247	2,994	2,245	74.98	2,987	900	30.13	Yes	810 (78)	30 (83)	0.4 (81)	0.805 (96)	8.88 (57)	1	11 (79)	5.7 (29)	10.9 (52)	28.5 (30)	13.8 (48)	0
36085027301	New York	Richmond	Willowbrook	273.01	3,782	1,717	45.4	3,782	881	23.29	Yes	1,900 (91)	30 (83)	0.4 (81)	0.718 (95)	8.77 (54)	1	10 (57)	7 (56)	10.5 (47)	27.9 (26)	12.3 (30)	0
36085027302	New York	Richmond	Willowbrook	273.02	4,060	1,063	26.18	4,050	1,126	27.8	Yes	180 (39)	30 (83)	0.4 (81)	0.704 (95)	8.76 (54)	1	9.7 (49)	6.6 (47)	10.3 (45)	26.5 (19)	12 (27)	0
36085027705	New York	Richmond	Willowbrook	277.05	5,809	2,384	41.04	5,773	1,640	28.41	Yes	220 (45)	30 (83)	0.4 (81)	0.679 (94)	8.72 (53)	1	10.3 (65)	6.2 (39)	10.5 (47)	27.4 (24)	13.4 (43)	0
36085029102	New York	Richmond	Willowbrook	291.02	3,006	1,425	47.41	3,006	494	16.43	Yes	600 (71)	30 (83)	0.4 (81)	0.673 (94)	8.81 (55)	1	10.7 (74)	5.7 (29)	8.9 (27)	24.6 (12)	14.3 (54)	0
36085030301	New York	Richmond	Willowbrook	303.01	4,972	3,110	62.55	4,957	939	18.94	Yes	4,900 (98)	30 (83)	0.4 (81)	0.761 (96)	8.85 (57)	1	10.4 (67)	5.6 (27)	10.5 (47)	26.5 (19)	13.1 (40)	0
36085030302	New York	Richmond	Port Richmond	303.02	6,702	4,716	70.37	6,640	1,639	24.68	Yes	1,300 (87)	30 (83)	0.4 (81)	0.779 (96)	8.87 (57)	1	10.2 (62)	4.8 (15)	10.5 (47)	26.4 (19)	12.9 (37)	0
36085031901	New York	Richmond	Port Richmond	319.01	2,816	2,403	85.33	2,801	1,503	53.66	Yes	290 (52)	30 (83)	0.5 (95)	0.836 (96)	8.9 (58)	2	15.1 (99)	4.4 (10)	16.3 (91)	33.6 (60)	20.9 (96)	3
36085031902	New York	Richmond	Port Richmond	319.02	5,343	4,780	89.46	5,321	2,306	43.34	Yes	290 (52)	40 (97)	0.5 (95)	0.941 (97)	8.92 (59)	3	13.1 (96)	4.3 (9)	13.3 (76)	31.9 (50)	17.1 (80)	1
36085032300	New York	Richmond	Port Richmond	323	1,073	887	82.67	1,073	361	33.64	Yes	190 (40)	40 (97)	0.5 (95)	0.882 (97)	8.92 (58)	3	11.7 (88)	5.3 (22)	12.3 (68)	31.1 (45)	14.7 (58)	0

Note: Blank cells indicate the data is missing in the original

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum --

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix C)

FIPS	State	County	Place Name	Tract	Total Population	Total Minority	% Minority	Total Population for Whom Poverty Status is Determined	Individuals Living in Poverty	% Poverty	Justice Tract (Yes or No)	Identified Environmental	Traffic Proximity And Volume [Daily vehicles/ meters (Percentile)]	Pollutant Burdens					Chronic Disease Burdens				
														Air Toxics Cancer Risk [Lifetime risk per million (Percentile)]	Air Toxics Respiratory Hazard Index [Ratio of exposure to health-based reference concentration (Percentile)]	Diesel Particulate Matter [ $\mu\text{g}/\text{m}^3$ (Percentile)]	Particulate Matter 2.5 [ $\mu\text{g}/\text{m}^3$ (Percentile)]	Number of Pollutant Burdens at/above 90th Percentile	Asthma [% adults (Percentile rank)]	Cancer [% adults (Percentage rank)]	Diabetes [% adults (Percentile rank)]	High Blood Pressures [% adults (Percentile rank)]	Poor Mental Health [% adults (Percentage rank)]

## Sources:

Population and Demographics

Total Minority: U.S. Census Bureau American Community Survey (ACS), 2015-2019

Traffic Proximity And Volume: Calculated from 2019 U.S. Department of Transportation traffic data, retrieved 9/22/2021, 2019

Pollutant BurdensDiesel Particulate Matter: <https://www.epa.gov/haps/air-toxics-data-update>, 2017Air Toxics Cancer Risk: <https://www.epa.gov/haps/air-toxics-data-update>, 2017Air Toxics Respiratory Hazard Index: <https://www.epa.gov/haps/air-toxics-data-update>, 2017

Particulate Matter 2.5: EPA, Office of Air and Radiation (OAR) fusion of model and monitor data., 2018

Chronic Disease Burdens

High Blood Pressures: U.S. Centers for Disease Control and Prevention PLACES Estimates, 2020

Asthma: U.S. Centers for Disease Control and Prevention PLACES Estimates, 2020

Cancer: U.S. Centers for Disease Control and Prevention PLACES Estimates, 2020

Mental Health: U.S. Centers for Disease Control and Prevention PLACES Estimates, 2020

Diabetes: U.S. Centers for Disease Control and Prevention PLACES Estimates, 2020



## Appendix D: Census Tracts in Environmental Justice Communities Identified for Place-Based Mitigation (Tolling Scenario E)

If the Project receives Federal approval, the Project Sponsors will implement mitigation measures to address adverse effects to communities that are already overburdened by pre-existing air pollution and chronic diseases. Regional mitigation measures will be implemented as described regardless of the eventual toll structure. Once the final toll structure is adopted, the census tracts below that are projected to have increases in truck traffic will benefit from place-based mitigation measures sited according to the process described in **Chapter 17, “Environmental Justice.”**

**Table 1**, below, details the census tracts identified in **Section 17D-7.2.2, Table 17D-15, “Daily Truck Volume in Tolling Scenario E Compared to No Action in Overburdened Communities.”** These tracts represent environmental-justice-designated communities where individuals experience at least one pre-existing pollutant burden and at least one pre-existing chronic disease burden at or above the 90th percentile, nationally, and where truck proximity could increase as a result of the Project under Tolling Scenario E.

**Table 1. Communities Identified for Place-Based Mitigation (Tolling Scenario E)**

County	Community*	Census Tract
Bronx, NY	Crotona–Tremont	157
		165
		215.02
		217
		218
		227.01
		229.01
		229.02
		231
		359
		365.02
		367
		369.01
		369.02
	High Bridge–Morrisania	209
		213.01
		213.02
		227.02
	Hunts Point–Mott Haven	23
		25
		27.01
		83
		85
		89
		115.02
		119

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17D: Technical Memorandum –

## Considerations for Environmental Justice Communities with Existing Pollution or Health Burdens (Appendix D)

County	Community*	Census Tract
		121.01
		121.02
	Northeast Bronx	462.02
	Pelham–Throgs Neck	28
		40.01
		42
		44
		46
		50.01
		76
		144
		162
New York, NY	East Harlem	192
		194
	Randall's Island**	240
Kings, NY	Downtown Brooklyn–Fort Greene***	23
		29.01
		185.01
	South Williamsburg†	533
		535
		537
Essex, NJ	City of Orange	184
	East Orange	113
	Newark	9
		10
		16
		229
Bergen, NJ	Fort Lee	192.03

\* The “Community” column identifies municipalities or, in New York City, neighborhoods. The New York City neighborhood names are the UHF names for the area and encompass multiple portions of the city that may be considered separate neighborhoods. Refer to NYC Environment and Health Data Portal for more information on UHF geographies. <https://a816-dohbep.nyc.gov/IndicatorPublic/beta/data-stories/geographies/>

\*\* Part of the East Harlem UHF neighborhood, but labeled as “Randall’s Island” to further specify location

\*\*\* Part of the Downtown–Heights–Slope UHF neighborhood, but labelled “Downtown Brooklyn–Fort Greene” to further specify location.

† Part of the Greenpoint UHF neighborhood, but labeled as “South Williamsburg” to further specify location.

†† Census Tract 3009, Nassau County not shown; Closer examination indicates that this tract is shown with a potential increase in truck traffic proximity under Tolling Scenario E; though roadways passing through the tract have the potential to see decreases in truck traffic, the center of its population is near a roadway where modeling indicates that truck traffic could increase.

CENTRAL BUSINESS DISTRICT (CBD) TOLLING PROGRAM

*[Appendix 17E:  
Approach to Mitigating the Effect of CBD  
Tolls on Low-Income Frequent Drivers]*

2023



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## Attachment

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Identifying Low-Income Auto Commuters to the Manhattan CBD





## 17E-1. Introduction

In the Environmental Assessment (EA), the Triborough Bridge and Tunnel Authority (TBTA) committed to a number of mitigation measures to address a potential adverse effect on low-income frequent drivers. These measures include:

- An annual tax credit for Central Business District (CBD) tolls paid by residents of the Manhattan CBD whose New York adjusted gross income for the taxable year is less than \$60,000
- Coordination with the New York State Department of Taxation and Finance (NYS DTF) to ensure availability of documentation and assistance needed for drivers eligible for the New York State tax credit<sup>1</sup>
- Posting of information related to the tax credit on the Project website, with a link to the appropriate location on the NYS DTF website to guide eligible drivers to information on claiming the credit
- Elimination of the \$10 E-ZPass tag deposit fee for customers without credit card backup
- Enhanced promotion of existing E-ZPass payment and plan options, including the pay-per-trip plan which is especially helpful for those on tight budgets
- Outreach and education on eligibility for existing discounted transit fare products and programs, including those for individuals 65 years of age and older, those with disabilities, and those with low incomes, about which many may not be aware
- Establishment of an Environmental Justice Community Group

## 17E-2. Eliminating Barriers to E-ZPass

There are two fundamental barriers for low-income drivers who want to use E-ZPass: (1) the \$10 tag deposit fee for those who do not have a credit card linked to their account, which is often the case for low-income customers; and, (2) the need to pre-fund the account, which is difficult to do for those on tight budgets. Not being able to use E-ZPass leads to higher toll rates; in the New York region, these rates can be significantly higher, depending upon the facility traveled and time of day.<sup>2</sup>

In the EA, TBTA committed to eliminating the tag fee barrier and to doing further outreach and education on its pay-per-trip plan, which is already in place and allows drivers to pay as they go, rather than maintaining a pre-funded account. Together, these policies will reduce the initial cost of opening an E-ZPass account from up to \$35 down to \$0. As an added benefit, eliminating these barriers to E-ZPass would allow

<sup>1</sup> Although some people might not earn enough annually to have to file a tax return, they may still opt to submit a tax return to claim the credit. Free tax filing programs are available for qualifying individuals through the New York State Department of Taxation and Finance and the New York City Department of Consumer and Worker Protection.

<sup>2</sup> The increased cost of Tolls by Mail compared to E-ZPass varies by agency in the New York region. For example, Tolls by Mail tolls for passenger vehicles at the Port Authority of New York and New Jersey's facilities are up to 33 percent higher than E-ZPass, depending on the time of day; TBTA facilities charge up to 55 percent more for passenger vehicles at its major facilities; the difference is greater at the minor facilities.

low-income customers to pay lower tolls and be eligible for other types of discount programs at facilities in the New York metropolitan area where applicable.

### 17E-3. Background on the New LIDP

After public comment and further consideration and assessment, TBTA has also committed for the Final EA to implementing a Low-Income Discount Plan (LIDP) for those frequent drivers who have either a Federal adjusted gross income reported on their income tax return for the prior calendar year in the amount of no more than \$50,000 or proof of enrollment in a qualifying government-provided income-based program (such as the Supplemental Nutrition Assistance Program (SNAP) or the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), and have no reasonable transit alternative to the Manhattan CBD.<sup>3</sup> The following paragraphs identify why this mitigation was included in the Final EA and describe the calculations related to the forgone revenue / cost of the LIDP.

Importantly, the team was cognizant of the need to consider mitigation in light of the purpose and need of the overall Project, which aims, among other objectives, to reduce vehicle volumes to, and vehicle miles-traveled within, the Manhattan CBD. Additionally, the team looked at national examples to seek precedent and ideas on effective ways to support low-income frequent drivers. Although there are few current examples, and none are fully analogous to the CBD Tolling Program, they did provide guidance. The Elizabeth River Crossing (ERC) in Virginia does not aim to reduce congestion, but to fund the facility; it provides a 50 percent discount on up to 10 trips per week but has geographical constraints for participation. Both the Los Angeles (LA) Metro and the Illinois Tollway reduce the barrier to obtaining transponders and accounts, but do not provide a discounted toll rate; instead, LA Metro provides a one-time \$25 credit and the Illinois Tollway provides a one-time \$20 credit. These plans also restrict their limited benefits to a driver's place of residence and are thus geographically constrained.

### 17E-4. Why the Features of the LIDP Were Included

As noted in the EA, TBTA will remove the current tag-deposit fee, eliminating a barrier to access E-ZPass and the different discounts beyond the CBD Tolling Program that it offers. In the Final EA, the addition of the LIDP will also offer an ongoing discount to frequent drivers after the first 10 trips each month. Importantly, the program is not geographically constrained given that there are low-income frequent drivers throughout the 28-county regional study area of the EA.

TBTA's program also has a primary goal of reducing congestion in addition to raising revenue dedicated to transit improvement. To achieve those goals, the discount must be sized appropriately. The program included in the Final EA will benefit individuals with household incomes of \$50,000 or less, in alignment with the other programs. To avoid incentivizing drivers, while still addressing the adverse effects on low-

<sup>3</sup> By accepting credentials from these other sources, some drivers who have higher incomes will also be allowed if they qualified with that income for these services. For those who do not qualify for these services and must submit tax documents, \$50,000 will be used, as it is roughly twice the Federal poverty rate and easy for customers to understand.

income frequent drivers, the LIDP will have drivers pay for the first 10 trips at the E-ZPass rate, followed by a 25 percent discount for additional trips.

A higher discount was studied—50 percent; however, such a deep discount led to an effective toll rate below round-trip transit fares. For example, under Tolling Scenario A, with the toll of \$9 for peak and \$7 off-peak,<sup>4</sup> a 50 percent reduction would result in a paid toll of less than the current round-trip transit fare of \$5.50. Even under the higher toll tolling scenarios, this discount rate would still incentivize low-income drivers to continue using their vehicles, even if transit is an option, for those who would be eligible for a crossing credit.

### 17E-5. Benefit to Low-Income Drivers

Through the features described above, the CBD Tolling Program LIDP will address the effect on low-income drivers, while being consistent with the goals of the Project and consistent with other examples from around the country. The elimination of the barriers to allow low-income drivers to more easily access E-ZPass accounts would reduce their toll cost by 33 percent across the modeled tolling scenarios, just by virtue of providing the ability to use E-ZPass instead of Tolls by Mail. **Further, by providing the additional 25 percent reduction after the first 10 trips each month, the combined effective discount rate would be 42 percent each month for the typical commuter entering the Manhattan CBD 20 days per month.**

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<sup>4</sup> As described in the Final EA, simple figures were used; as noted and shown in Appendix 2 of the Final EA, the modeling used \$9.20 for the peak-period E-ZPass toll for passenger vehicles and \$6.90 for the off-peak.

## 17E-6. Calculations for Income-Based Discount Program

### 17E-6.1 DISPLACED REVENUE

Below is a simplified and conservative calculation illustrating a range for the displaced revenue. This analysis uses the peak rates in the tolling scenarios with the highest and lowest tolls.

ITEM	LOW Scenario A	HIGH Scenarios E & F
Calculate Vehicles		
Low-Income Commuters into the CBD Daily	16,100	16,100
Low-Income Commuters in HOV Vehicles Daily	(2,310)	(2,310)
<b>Low-Income Vehicles Commuting into the CBD</b>	<b>13,790</b>	<b>13,790</b>
Peak Toll Rate	\$9.20	\$23.00
25% Discount	25%	25%
Discounted Trips (after full price trips)	10	10
Displaced Revenue per Month	\$23.00	\$57.50
<b>Convert to Annual (x 12 months)</b>	<b>\$276.00</b>	<b>\$690.00</b>
Low-Income Vehicles Commuting into the CBD	13,790	13,790
Convert to Annual (x 12 months)	\$276.00	\$690.00
<b>Displaced Annual Revenue</b>	<b>\$3.8 M</b>	<b>\$9.5 M</b>

### 17E-6.2 EFFECTIVE TOLL RATE

For illustrative purposes, below is the description for how the effective toll savings was calculated for Tolling Scenario A.

Beginning with the Tolls by Mail rate of \$13.80, a customer traveling 20 times per month during peak periods would pay \$276.00. That same customer now able to use E-ZPass and the LIDP would pay \$9.20 per trip for the first 10 trips (\$92.00), and \$6.90 for the remaining 10 trips that month (\$69.00), for a total of \$161.00. Thus, the effective discount would be 42 percent per month.

For those traveling more frequently, the effective discount would be higher. For example, a frequent driver traveling 6 days a week during peak periods in March 2023 (27 days) would save roughly 44 percent that month.



## ATTACHMENT TO APPENDIX 17E

### Identifying Low-Income Auto Commuters to the Manhattan CBD

Chapter 17, “Environmental Justice,” of the EA identifies a total of 16,100 low-income workers who drive to the Manhattan CBD for work, a group that represents approximately 7 percent of the 219,000 low-income workers who commute to the Manhattan CBD. These 16,100 workers may have alternative travel options, such as transit, but drive for a variety of possible reasons. The 16,100 figure includes both workers who drive alone and those who carpool or vanpool with others. Low-income commuters who drive to the Manhattan CBD are spread widely throughout the region, as seen in the table below.

To arrive at this figure, the Project Sponsors relied on data from the Census Transportation Planning Package (CTPP), 2012–2016 estimate. The Project Sponsors counted workers from these data as “low-income” if they had an annual household income of less than \$50,000. This is approximately equivalent to, although higher than, the low-income threshold of twice the Federal poverty threshold for a three-person family, which is the average household size for the Project study area. Because the CTPP does not provide data on low-income commuters’ travel modes to the Manhattan CBD along with their home locations, the Project Sponsors assessed home locations by correlating CTPP data describing home locations for low-income commuters to the Manhattan CBD; home locations for workers regardless of income who drive to the Manhattan CBD; and the mode of transportation for all workers regardless of income who commute to the Manhattan CBD.

## Central Business District (CBD) Tolling Program Environmental Assessment

## Appendix 17E: Approach to Mitigating the Effect of CBD Tolls on Low-Income Frequent Drivers

## Home Locations of Low-Income Workers Who Drive to the Manhattan CBD

STATE AND COUNTY	LOW-INCOME AUTO COMMUTERS	LOW-INCOME AUTO COMMUTERS (%)
<b>Connecticut</b>	<b>165</b>	<b>1.0%</b>
Fairfield County	127	0.8%
New Haven County	38	0.2%
<b>New Jersey</b>	<b>2,696</b>	<b>16.8%</b>
Bergen County	923	5.7%
Essex County	288	1.8%
Hudson County	621	3.9%
Hunterdon County	6	0.0%
Mercer County	0	0.0%
Middlesex County	273	1.7%
Monmouth County	137	0.9%
Morris County	45	0.3%
Ocean County	29	0.2%
Passaic County	149	0.9%
Somerset County	20	0.1%
Sussex County	5	0.0%
Union County	199	1.2%
Warren County	1	0.0%
<b>New York</b>	<b>13,210</b>	<b>82.2%</b>
New York City	<b>10,839</b>	<b>67.4%</b>
Bronx County	2,130	13.3%
Kings County	2,559	15.9%
New York County	1,817	11.3%
Queens County	3,823	23.8%
Richmond County	510	3.2%
Dutchess County	43	0.3%
Nassau County	720	4.5%
Orange County	255	1.6%
Putnam County	67	0.4%
Rockland County	144	0.9%
Suffolk County	410	2.6%
Westchester County	732	4.6%
<b>GRAND TOTAL</b>	<b>16,071</b>	<b>100.0%</b>

Source: Project Sponsor estimation based on U.S. Census Bureau, CTPP, 2012–2016 5-Year Estimate.

## Notes:

1. Figures do not add to 16,100 due to rounding when assessing home locations.
2. For the purposes of assessing home locations, all 16,100 low-income drivers to the Manhattan CBD were deemed to live in the 28-county region, though the Census data suggests that some small number of these (roughly 2%) may come from outside of the 28-county region.